REPORT

ON

The Meteorology of India

IN

1888.

BY

JOHN ELIOT, M.A.,

METEOROLOGICAL REPORTER TO THE GOVERNMENT OF INDIA.

FOURTEENTH YEAR.

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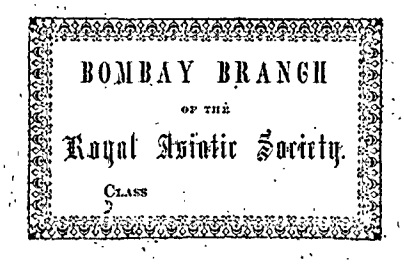

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REPORT

ON

THE METEOROLOGY OF INDIA IN 1888.

INTRODUCTION.

THE present volume contains the Annual Report of the Indian Meteorological Department for the year 1888. It is the fourteenth report and the fourth of the second decade, and gives the results of the observations recorded at 141 stations. Two stations, *viz.*, Tavoy and Nellore, commenced the work of observation during that year, but as they were mainly established to furnish additional observation for the use of the Bengal Meteorological Reporter in working the Bay of Bengal Storm Signal Service, their observations are not included in the Annual Report.

The present report is published in the same form as that of previous years.

The elements of meteorological observation are discussed in the following order:—

(1) Solar radiation and duration of sunshine.
(2) Nocturnal radiation and temperature of the ground.
(3) Temperature of the air.
(4) Atmospheric pressure.
(5) Wind direction and velocity.
(6) Hygrometry.
(7) Cloud proportion.
(8) Rainfall.

The concluding section contains a brief discussion of the more important meteorological features of the year and their variations from the normal conditions, and an attempt to correlate them, so far as is at present possible.

The number and distribution of the observatories which contributed registers for the year 1888 are given in the following statement:—

Province or Country.	Number of stations contributing registers for 1888.
Arabia	1
Asiatic Turkey	1
Persia	1
Beluchistan	1
Lakhadives	1
Kashmere	1
Punjab	13
North-Western Provinces and Oudh	15
Nepal	1
Assam	5
Carried over	40

Province or Country.	Number of stations contributing registers for 1888.
Brought forward	40
Bengal	19
Central Provinces	11
Berar	5
Central India	4
Rajputana	6
Bombay	14
Madras, Mysore, and Coorg	20
Ceylon	8
Burma	11
Bay Islands	3
TOTAL	141

DESCRIPTION AND POSITION OF THE METEOROLOGICAL OBSERVATORY STATIONS.

In the Annual Reports for 1885 (pages 4 to 50) and 1886 (pages 2 and 3) are given full descriptions of the observatories then established and the geographical features of each station and its immediate neighbourhood, to which the reader is referred for information. Brief descriptions are given below of the stations of Bhamo and Kendat, at which observatories have been established during the past two years.

Kendat.—The town of Kendat is situated on a narrow strip of land in about 23°4′ N. Lat. and 95° E. Long. It is bounded on the west by the Chindwin River and on the east by a large jheel or swamp, supposed to be the old bed of the river. The width of this strip of land varies from 100 yards at its narrowest to about 200 yards at its widest part, on which stands the military stockade and chief part of the town, a portion of which runs along the bank of the river in a single row of houses for about half a mile or more, with a good road in front which extends for some miles. As the town lies upon the bank of the river, which is not above high flood level, it is subject frequently to slight inundations, and occasionally to severe floods. The observatory is built within the dispensary compound, and is about 75 yards from the brink of the river. The flooring of the observatory is raised about 2 feet above the ground level. As there is no building room at the present site of the town, it is under consideration to remove the cantonment higher up, where the land is not only a little wider but of a higher level and less subject to inundation, excepting in very exceptional seasons.

Bhamo—Is situated on the east bank of the Irrawaddy in Lat. 24° 14′ N. and Long. 97° 15 E., 250 miles to the north-north-east of Mandalay. It is surrounded by hills in almost every direction. The hills are nearest on the north, where they rise to nearly 4,000 feet, and are only 8 or 10 miles away. In the other directions the hills are not so high, and they vary in distance from 15 to 20 miles or even more. Between the town and the hills to the south and east is an extensive wooded plain. Physically the district of which Bhamo is the chief town consists of a series of ridges intersected by swamps which are communicable with the river.

Swamps occupy a considerable portion of the town of Bhamo, and during the dry months are the occasion of malaria. About half the town is from 3 to 10 feet above high water level, and the other half 3 to 6 feet below. The fort and barracks are about 16 feet above high water level, and about half a mile from the river. The observatory is situated on an open piece of ground in the heart of the town, about 200 yards from the river and about 10 feet above high flood level.

The following table (Table I) gives the latitude and longitude of each station to the nearest minute, and the elevation of the mercury surface in the cistern of the barometer above mean sea-level. The elevations have been determined by spirit-levelling either to datum levels fixed in the great majority of cases by the spirit-levelling operations of the Great Trigonometrical Survey of India, and in others by those of the Railway Departments. The heights of the barometers have not yet been determined in the cases of Bagdad, Pedong, Mandalay, Bhamo and Kendat, but will probably be shortly ascertained.

At the following stations the barometer has been removed to a level different from that which it occupied previously, and the change of elevation must, therefore, be allowed for in comparing the barometric registers of 1888 with those given in previous registers :—

Stations.	Former elevation.	Present elevation.	Date of change.
Saugor	1768·9 feet.	1761·8 feet.	1st March 1888.
Amraoti	1213·38 „	1215·5 „	1st September 1887.
Neemuch	1639·36 „	1630·0 „	27th August 1888.
Bhuj	395·12 „	394·9 „	1st November 1888.
Mercara	3699·5 „	3780·7 „	1st January 1887.
Bassein	35·0 „	21·0 „	13th July 1888.

As noted in the previous report (for 1887), the height there given for the elevation of the Mercara barometer was, in my opinion, doubtful. A recent determination shows that its height, instead of being 3883·7 feet as stated in that report, is really 3780·7 feet. The error arose from a confusion of bench-marks, and, so far as can be judged, affected the height of the barometer in the previous position at the Telegraph Office (*i.e.*, before 1st January 1887) by the same amount.

TABLE I.—*Latitudes, Longitudes, and Elevations of the Meteorological Observatories.*

Provinces.	Stations.	Latitude, north.	Longitude, east.	Elevation in feet above mean sea-level.	Level determined.	How determined.	Authority for elevation.
Arabia . .	Aden . .	12° 45′	45° 3′	94·1	Barometer . .	Determined from the 0′ mark on the tide gauge.	Assistant Resident, Aden.
Asiatic Turkey.	Bagdad . .	33° 19′	44° 26′	...	... ..	.....	.....
Persia . .	Bushire . .	28° 59′	50° 49′	25	Barometer . .	.....	Colonel Ross.
Lakhadives.	Amini Divi .	11° 6′	72° 48′	15?	Ditto . .	Estimated.	
Beluchistan	Quetta . .	30° 11′	67° 3′	5,502·26	Bar. cistern . .	By spirit-level to G. T. Survey, B. M.	Surgeon-Major.
Kashmere .	Leh . .	34° 10′	77° 42′	11,502·96	Ditto . .	Ditto . . .	J. B. Morris, Esq., C.E.

TABLE I.—*Latitudes, Longitudes, and Elevations of the Meteorological Observatories*—continued.

PROVINCES.	STATIONS.	Latitude, north.	Longitude, east.	Elevation in feet above mean sea-level.	Level determined.	How determined.	Authority for elevation.
	Kailang	32° 34′	77° 4′	10,087	Bar. cistern	By barometer, from Leh and Simla, 1 year.	H. F. Blanford, Esq.
	Chamba	32° 34′	76° 10′	3,004·7	Top of mercury of bar. cistern.	Determined from the ground level of the Chamba Survey Station.	Deputy Conservator of Forests.
	Mooltan	30° 10′	71° 33′	420·19	Mercury of bar. cistern.	Levelled from G. T. Survey, B. M.	J. D. Davis, Esq., C.E.
	Dera Ismail Khan.	32° 0′	71° 5′	572·56	Ditto	By spirit-level to G. T. Survey, B. M.	Major Thorold.
	Peshawar	34° 2′	71° 37′	1,110·4	Bar. cistern, Police Hospital.	Ditto	Bomford Lovett, Esq., Ex. Engr., Hazara Division.
	Murree	33° 54′	73° 27′	6,343·86	Mercury of bar. cistern.	By spirit-level to G. T. Survey B. M. on Prospect Hill 1·48 miles distant.	A. Grant, Esq., Asst. Engr.
PUNJAB	Rawalpindi	33° 38′	73° 5′	1,648·9*a*	Bar. cistern, Civil Dispensary.	Levelled from B. M. at the East Gate of the Church.	Ex. Engr., Rawalpindi Division.
	Sialkot	32° 29′	74° 35′	829·47	Plinth of City Hospital.	Levelled 1 mile to bridge	Major-General J. D. Campbell, R.E.
	Lahore	31° 34′	74° 20′	702·22	Barometer	By levelling between former and present situation.	J. E. Hilton, Esq., C.E., Ex. Engr., Lahore Division.
	Ludhiana	30° 55′	75° 54′	811·86	Bar. cistern	Levelled from milestone No. 3 from Ludhiana.	Ex. Engr., Umballa and Ludhiana Road, 1st Division.
	Simla	31° 6′	77° 12′	7,048·24	Ditto	Levelled to Simla W. W. Bench-mark on Church steps.	A. C. L. Learmouth, Esq., Ex. Engr.
	Delhi	28° 40′	77° 16′	717·81	Ditto	Levelled from B. M., Cabul Gate.	J. C. Sarkar, Ex. Engr.
	Sirsa	29° 32′	75° 6′	661·61	Ditto, Jail Dispensary room.	By spirit-level to G. T. Survey, B. M.	Babu R. K. Mookerji, Supervisor.
	Chakrata	30° 40′	77° 55′	7,051·58	Mercury of bar. cistern.	Levelled from G. T. Survey, B. M.	Government, N.-W. Provinces, P. W. D.
	Mussooree	30° 28′	78° 7′	6,881	Bar. cistern	.....	Survey of India.
	Dehra	30° 20′	78° 8′	2,232·4	Mercury of bar. cistern.	G. T. Survey, by spirit-level.	J. B. N. Hennessy, Esq.
	Roorkee	29° 52′	77° 56′	886·63	Ditto	By spirit-level to two G. T. Survey spirit-level, B. M.	Ex. Engr., Saharanpur.
	Ranikhet	29° 38′	79° 29′	6,068·75	Ditto	From G. T. Survey, B.M.	Ex. Engr., Military Works.
	Pithoragarh	29° 35′	80° 15′	5,363·8	Bar. cistern	Barometrically from two neighbouring hills, G. T. S. heights.	S. A. Hill, Esq., B. Sc.
N.-W. PROVINCES AND OUDH.	Meerut	29° 0′	77° 41′	737·48	Mercury of bar. cistern.	From G. T. Survey, B.M.	Ex. Engr., Meerut Division.
	Bareilly	28° 21′	79° 27′	568·47	Ditto	Levelled from G. T. Survey, B. M.	Commissioner of Rohilkhand.
	Agra	27° 10′	78° 5′	555·44	Top of bar. cistern	By spirit-level to G. T. Survey, B. M.	Sub-Overseer, Mustag Ahmed.
	Lucknow	26° 50′	81° 0′	369·4	Bar. cistern	By measurement to G. T. Survey, B. M., on Museum building.	Dr. Bonavia.
	Gorakhpur	26° 46′	83° 18′	255·93	Ditto	Levelled from trigonometrical level.	Government, N.-W. Provinces, P. W. D.
	Jhansi	25° 27′	78° 37′	840·13	Barometer	By levelling from the I. M. Railway bench-mark.	Ex. Engr., Jhansi Provincial Division, P. W. D.
	Allahabad	25° 26′	81° 52′	309·28	Bar. cistern	By spirit-level to G. T. Survey, B. M., in fort.	Secretary, Dept. P. W., N.-W. Provinces.
	Benares	25° 20′	83° 2′	266·97	Bottom of bar. cistern.	By spirit-level, to G. T. Survey spirit-level, B.M.	Ditto.
	Ghazipur	25° 35′	83° 39′	219·74	Bar. cistern	By levelling from the B. M. at Collector's Kachari.	Sub-divisional Officer, P. W. Dept.
NEPAL	Katmandu	27° 42′	85° 12′	4,387·8	Dispensary	.....	C. E. R. Girdlestone, Esq., C. S., Resident in Nepal.
ASSAM	Sibsagar	26° 59′	94° 40′	333	Bar. cistern	Measured from G. T. Survey, B. M.	Dr. M. Mookerji.
	Tezpur	26° 36′	92° 50′	251·3	Ditto	By spirit-level to G. T. Survey, B. M.	J. H. Jewett, Esq., C.E.
	Dhubri	26° 7′	89° 50′	115·34	Mercury of bar. cistern	Determined from nearest trigonometrical pillar by levelling.	Mr. Clancy, Asst. Engr., Dhubri.
	Silchar	24° 49′	92° 50′	104·3	Bar. cistern	Level taken by the P. W. Department.	Dr. J. J. Monteath.
	Tura	25° 30′	90° 17′				

(*a*) Hitherto erroneously given as 1652·24 feet.

TABLE I.—*Latitudes, Longitudes, and Elevations of the Meteorological Observatories*—continued.

PROVINCES.	STATIONS.	Latitude, north.	Longitude, east.	Elevation in feet above mean sea-level.	Level determined.	How determined.	Authority for elevation.
BENGAL	Darjeeling	27° 3′	88° 18′	7,421·1	Bar. cistern	By spirit-level to G. T. Survey, B. M.	Captain H. T. Harman, R. E.
	Pedong	27° 9′	88° 40′				
	Purneah	25° 50′	87° 34′	125	Bar. cistern	By spirit-level to Chutch	Dr. Picachy.
	Durbhunga	26° 10′	86° 0′	166·32	Ditto	Levelled from B. M. quarter of a mile distant.	Supdg. Engr., Raj Durbhunga.
	Patna	25° 37′	85° 14′	182·84	Ditto	By levelling from the old position.	W. H. King, Esq., C.E.
	Gya	24° 42′	85° 2′	374·9	Ditto	Levelled from G. T. Survey spirit-level, B. M. at Bankipore Railway Station.	M. P. B. Duell, Esq., C.E.
	Hazaribagh	24° 0′	85° 24′	2,007·12	Ditto	.....	Asst. Engr., P. W. Dept.
	Berhampore	24° 6′	88° 17′	66·45	Ditto	By spirit-level to Irrigation Department B. M.	G. Pearson, Esq.
	Burdwan	23° 14′	87° 54′	99·09	Ditto	.....	Dr. Joubert.
	Jessore	23° 9′	89° 13′	33·29	Ditto	By spirit-level to B. M. on 73rd milestone from Calcutta.	Babu Nobo Gopal Dutt.
	Dacca	23° 43′	90° 27′	21·7	Ditto	Determined from the previous height.	R. Ebsington, Esq., Asst. Supdt. of Telegraphs.
	Chittagong	22° 21′	91° 50′	86·7	Ditto	...	H. F. Blanford, Esq.
	Demagiri	22° 48′	92° 15′				
	Calcutta (Alipore).	22° 32′	88° 20′	21·38	Bar. cistern	By spirit-level to Kydd's Dock B. M.	H. F. Blanford, Esq.
	Calcutta (Chowringhee).	22° 33′	88° 21′	18			
	Saugor Island	21° 39′	88° 5′	25·3	Bar. cistern	.....	Telegraph Master.
	Cuttack	20° 29′	85° 54′	80	Ditto	By spirit-level to Irrigation Department B. M.	T. S. Isaac, Esq., C. E.
	False Point	20° 20′	86° 47′	20·60	Ditto	By levelling	Major Rogers, in charge of the Levelling and Tidal Operations, Survey of India.
CENTRAL PROVINCES	Sambalpur	21° 31′	84° 1′	463	Ditto	Determined from the former height.	Honorary Surgeon-Major J. E. Harrison.
	Raipur	21° 15′	81° 41′	960	Ditto	By spirit-level from Nagpur, 175 miles.	Dr. Townshend.
	Nagpur	21° 9′	79° 11′	1,025	Ditto	By spirit-level from G. T. Survey B. M. and Railway.	Ditto.
	Seoni	22° 6′	79° 33′	2,030	Ditto	By spirit-level from G. T. Survey B. M.	Ditto.
	Jubbulpore	23° 9′	79° 59′	1,340·75	Ditto	By levelling between former and present situation.	D. P. W.
	Saugor	23° 49′	78° 48′	1,768·92	Ditto	Levelled from Revenue B. M.	Ex. Engr., Saugor.
	Pachmarhi	22° 28′	78° 28′	3,511	Barometer	By measurement from the former height.	Surgeon-Major R. Drury.
	Hoshangabad	22° 45′	77° 46′	1,020	Ditto	By spirit-level from Itarsi Railway Station, 11 miles.	Ditto.
	Khandwa	21° 49′	76° 23′	1,043·71	Ditto	From the former height.	Dr. P. Cullen, M. D.
	Chanda	19° 56′	79° 19′	634	Bar. cistern at Police Hospital.	Barometrically from the neighbouring stations.	J. Eliot, Esq.
	Sironcha	18° 51′	80° 0′	401·29	Bar. cistern	Levelled from G. T. Survey B. M.	Ex. Engr., Nagpur Division.
BERARS	Chikalda	21° 24′	77° 22′	3,642·4	Ditto	.....	E. Litchfield, Esq., Deputy Conservator of Forests, Berar.
	Buldana	20° 54′	76° 14′	2,131·76	Barometer	By spirit-level to rails at Mulkapur Station.	F. Chambers, Esq.
	Akola	20° 42′	77° 4′	930	Ditto	By spirit-level to rails of Railway Station.	J. F. Pope, Esq.
	Amraoti	20° 55′	77° 43′	1,215·5	Ditto	By spirit-level to rails at Badnera Station.	F. Chambers, Esq.

(a) Changed to 1,761·8 feet on the 1st March 1888.

TABLE I.—*Latitudes, Longitudes, and Elevations of the Meteorological Observatories*—continued.

Provinces.	Stations.	Latitude, north.	Longitude, east.	Elevation in feet above mean sea-level.	Level determined.	How determined.	Authority for elevation.
Central India	Neemuch	24° 25′	75° 0′	{1,639·36a 1,630	Bar. cistern Ditto in the signal room of the E. T. Office.	....	F. Chambers, Esq. E. T. Master.
	Nowgong	25° 2′	79° 29′	757·04	Ditto	Levelled to G. T. Survey B. M. on Mhow Hills.	Ex. Engr., Bundelkhand Roads.
	Satna	24° 34′	80° 52′	1,040·1	Barometer	By spirit-level to Railway Station.	Dr. S. J. Goldsmith.
	Indore	22° 44′	75° 53′	1,823·2	Bar. cistern	From the former height.	Meteorological Observer.
Rajputana	Bickaneer	27° 59′	73° 14′	743·5	Ditto	Ground-level by G. T. Survey.	F. Chambers, Esq.
	Jeypore	26° 55′	75° 50′	1,430·6	Ditto	Spirit-levelling to G. T. Survey level.	Agency Surgeon, C. R. S. Agency, Jeypore.
	Sambhar	26° 53′	75° 14′	1,253·52	Ditto	.....	S. A. Hill, Esq., B.Sc.
	Ajmere	26° 28′	74° 37′	1,611	Ditto	From the previous height	Ditto.
	Mount Abu	24° 36′	72° 45′	3,945	Ditto	.....	F. Chambers, Esq.
	Pachpadra	25° 55′	72° 18′	380	Ditto	By barometer	H. F. Blanford, Esq.
Bombay	Jacobabad	28° 24′	68° 18′	185·9	Ditto	.....	F. Chambers, Esq.
	Hyderabad	25° 25′	68° 27′	117·18	Ditto	From B. M. on Fuleli Bridge.	Surgeon-Major H. W. Tetham.
	Kurrachee	24° 47′	67° 4′	49	Ditto	.....	F. Chambers, Esq.
	Bhuj	23° 15′	69° 42′	{395·12b 394·9	Ditto Ditto	By spirit-level to base of pillar No. 4 in cantonment. Determined from the previous height.	Joggernath Sadashib, Esq. Lieut. S. Hutchinson.
	Rajkot	22° 17′	70° 52′	428·83	Ditto	Determined from G. T. Survey B. M.	R. B. Booth, Esq., Agency Engr.
	Deesa	24° 16′	72° 14′	465·5	Ditto	Measured from G. T. Survey B. M.	N. Hennessy, Esq.
	Surat	21° 13′	72° 46′	36	Ditto	.....	F. Chambers, Esq.
	Malegaon	20° 34′	74° 22′	1,430·12	Ditto	By spirit-level to B. M., distant 8,620 feet from the Observatory.	A. T. Anderson, Esq., Ex. Engr., Northern Division.
	Bombay	18° 54′	72° 49′	37	Ditto	.....	C. Chambers, Esq.
	Poona	18° 28′	74° 10′	1,840·37	Ditto	.....	F. Chambers, Esq.
	Sholapur	17° 41′	75° 56′	1,585·12	Ditto	Levelled to B.M., distant about 200 feet from the Military Hospital.	Mr. G. B. Dante, Overseer, P. W. D.
	Ratnagiri	17° 6′	73° 23′	110	Ditto	Levelled to B. M. on School of Industry.	C. Brereton, Esq.
	Belgaum	15° 52′	74° 42′	2,524	Ditto	.....	Surgeon-Major B. Buckland.
	Karwar	14° 50′	74° 15′	43·87	Ditto	Levelled to G. T. Survey B. M.	W. J. Listor, Esq., Ex. Engr., Karwar.
Madras, Mysore, and Coorg	Gopalpur	19° 20′	85° 0′	50	Ditto	Estimated	Meteorological Reporter, Bengal.
	Vizagapatam	17° 42′	83° 22′	31	Ditto	.....	A. V. Nursing Rao, Esq.
	Rajahmundry	16° 58′	81° 50′	112	Ditto	.....	Meteorological Reporter, Madras.
	Masulipatam	16° 9′	81° 12′	10·16	Barometer	Levelled from half-tide level.	Lieutenant D. Campbell, R.E.
	Secunderabad	17° 27′	78° 33′	1,786·69	Bar. cistern	By spirit-level	Ex. Engr., Secunderabad.
	Kurnool	15° 50′	78° 6′	923·45	Ditto	.....	Asst. Engr., Upper Sub-Division, Kurnool.
	Bellary	15° 9′	76° 57′	1,474·63	Ditto	.....	Major S. Clarke, R.E.
	Cuddapah	14° 26′	78° 51′	433·36	Ditto	By spirit-level from B. M., at the Executive Engineer's Office.	Meteorological Reporter, Madras.
	Mangalore	12° 52′	74° 54′	25·60	Ditto	.....	R. P. Lemon, Esq., Sub-Divisional Officer.
	Mercara	12° 26′	75° 48′	3,780·7	Ditto Civil Dispensary.	Levelled from G. T. Survey B. M. on Kumdonmoli Hill.	Ex. Engr., Coorg.

(a) Changed to 1,630 feet on the 27th August 1888. Site of observatory changed.
(b) Do. to 394·9 feet on the 1st November 1888. Ditto.

TABLE I.—*Latitudes, Longitudes, and Elevations of the Meteorological Observatories*—concluded.

PROVINCES.	STATIONS.	Latitude, north.	Longitude, east.	Elevation in feet above mean sea-level.	Level determined.	How determined.	Authority for elevation.
MADRAS, MYSORE, AND COORG —*concld.*	Bangalore	12° 59′	77° 38′	2,981·46	Bar. cistern	By spirit-level to G. T. Survey B. M. near the Observatory.	Colonel Moberly, District Engr., Bangalore.
	Madras	13° 4′	80° 14′	22	Ditto	.....	N. R. Pogson, Esq.
	Salem	11° 39′	78° 12′	939·91	Ditto	By spirit-level from G. T. Survey B. M.	District Engineer, Salem.
	Wellington	11° 22′	76° 50′	6,200	Barometer	Reduced from Kumdanugi Peak.	Major Morant, R.E.
	Calicut	11° 15′	75° 49′	26·58	Bar. cistern	.....	F. Chambers, Esq.
	Coimbatore	11° 0′	77° 0′	1,347·64	Ditto	From rail-level at Coimbatore Station.	Colonel C. Wilkinson, R.E.
	Trichinopoly	10° 50′	78° 44′	254·78*a*	Ditto	By levelling	J. Grimes, Esq., Ex. Engr.
	Negapatam	10° 46′	79° 53′	15	Barometer	By spirit-level to high-water mark half-tide estimated.	Supdt., Metgl. Observatory, Negapatam.
	Madura	9° 55′	78° 10′	446·60*b*	Bar. cistern	.....	W. Hughes, Esq., Ex. Engr., Madura Division.
	Cochin	9° 58′	76° 17′	11·03	Ditto	Levelled from mean sea-level.	P. W. Dept.
CEYLON	Colombo	6° 56′	79° 52′	40	Ditto	By levelling	J. Steddart, Esq.
	Jaffna	9° 40′	79° 56′	9	Ditto	Ditto	Colonel A. B. Fyers, R.E.
	Trincomalee	8° 33′	81° 15′	75	Ditto	Ditto	Lieut.-Colonel the Hon. F. C. H. Clarke, R.A., C. M. G., Surveyor General, Ceylon.
	Batticaloa	7° 43′	81° 44′	26	Ditto	.....	Colonel A. B. Fyers, R.E.
	Hambantota	6° 7′	81° 7′	40	Ditto	.....	Ditto.
	Galle	6° 1′	80° 14′	48	Ditto	By levelling	J. Stoddart, Esq.
	Kandy	7° 18′	80° 40′	1,696	Ditto	Ditto	Colonel A. B. Fyers, R.E.
	Newera Eliya	6° 46′	80° 47′	6,240	Ditto	Ditto	Ditto.
BURMA	Bhamo	24° 12′	96° 58′	...	.....	.....	.....
	Kendat	23° 36′	94° 46′	...	.....	.....	.....
	Mandalay	21° 59′	96° 8′	...	.....	.....	.....
	Akyab	20° 28′	92° 57′	20·44	Ditto	Above half-tide level by spirit-level.	H. F. Blanford, Esq.
	Thayetmyo	19° 22′	95° 12′	134	Ditto	Levelled to highest flood of the Irrawaddy.	Lieut. R. O. Lloyd, R.E.
	Toungoo	18° 57′	96° 24′	181·1	Ditto	.....	Maurice Smith, Civil Surgeon, Toungoo.
	Bassein	16° 47′	94° 50′	35*c*	Ditto	By aneroid to half-tide level of river.	Dr. Baker.
				20·9	Ditto	By levelling	P. W. Dept.
	Diamond Island	15° 52′	94° 19′	41	Ditto	Levelled to mean tide-level.	Mr. Luke, Asst. Supdt. E. T. D.
	Rangoon	16° 46′	96° 12′	40·69	Ditto	Levelled to half-tide level	Dr. A. Crombie.
	Moulmein	16° 29′	97° 40′	93·79	Ditto	Levelled to G. T. Survey B. M. on Ooziaa Hill.	Ex. Engr., Tenasserim Division.
	Mergui	12° 11′	98° 38′	96·27	Ditto	Levelled to half the highest spring-tide.	Ditto.
BAY ISLANDS	Cocos Island	14° 6′	93° 21′	...	.....	.....	.....
	Port Blair	11° 41′	92° 42′	61·16	Ditto	Above half-tide level by spirit-level.	Capt. de Wolski, R.E.
	Nancowry	8° 0′	93° 46′	81	Ditto	Ditto ditto	Ex. Engr., Andamans and Nicobars.

(*a*) Hitherto erroneously given as 274·85 feet.
(*b*) Ditto as 447·07 feet.
(*c*) Changed to 20·9 feet on the 13th July 1888. Site of observatory changed.

METEOROLOGY OF 1888.

The meteorology of the year is described under the following heads:—

1. TEMPERATURE OF SOLAR RADIATION.
2. DURATION AND AMOUNT OF BRIGHT SUNSHINE.
3. TEMPERATURE OF NOCTURNAL RADIATION.
4. TEMPERATURE OF THE GROUND.
5. TEMPERATURE OF THE AIR.
6. ATMOSPHERIC PRESSURE.
7. WINDS.
8. AQUEOUS VAPOUR PRESSURE AND HUMIDITY.
9. CLOUD AMOUNT.
10. RAINFALL.
11. GENERAL SUMMARY.

The average distribution of pressure and temperature and the mean wind direction for each month of the year 1888 are exhibited in the twelve small charts given in Plates II to IV, and the tracks of the storms originating in the Bay of Bengal and the Arabian sea are shown in Plate V.

The Appendix contains tables giving abstracts of the observations at all stations arranged in the same order as is adopted in the discussion of the meteorology of the year.

In a separate volume are published complete series of daily observations taken at the seven stations—Calcutta, Lucknow, Allahabad, Lahore, Nagpur, Bombay, and Madras during the year 1888.

SOLAR RADIATION.

It was stated in last year's Annual Report that the observation of solar radiation by means of the thermometers in use was very unsatisfactory, and that the instruments were not fitted for use on the large scale in India (*vide* pages 18 to 21). It was hence decided to discontinue these observations, except at a few selected stations, from the 1st January 1888, and that a brief summary of the observations at these selected stations should be given in the Annual Report, but that their full discussion should be reserved for special memoirs on the subject. During the greater part of the year 1888, the solar radiation observations were taken at these selected stations in the same manner as in previous years. Hence, although the data of the year are very much more limited than for previous years, they are given in the same form as hitherto.

As stated in previous reports, the solar radiation thermometer used at these observatories is a self-registering mercurial thermometer having the bulb and half an inch of the stem coated with lamp-black and enclosed in a large tube from which the greater part of the air is exhausted. The instruments in use at all stations, except Vizagapatam and Madras, have been compared with an instrument of the same construction (Casella, No. 9174) arbitrarily selected, and the corrections thus determined applied to all readings of the respective instruments.

Similarity of exposure is secured, so far as possible, by the use of stands on which the instruments are placed at a fixed height (4 feet) above the ground.

The air temperature which is deducted from that of the readings of the solar radiation thermometer, in order to obtain the effect due to solar radiation, is that recorded by the maximum-in-shade thermometer. As the maximum solar effect occurs earlier than the maximum air temperature, the differences obtained in this way represent the actual effect of the solar radiation *minus* a small quantity due to the error introduced by the adoption of the maximum day temperature as the temperature of the air at the time when the maximum solar radiation is registered by the radiation thermometer. Probably the error

arising from this source is on the average fairly uniform, so that the means are, notwithstanding this small error, fairly comparable.

The following gives a list of stations at which complete observations were taken during the year:—

Stations.	Instrument.	When first brought into use.
Leh	Negretti and Zambra No. 10166	27th July 1876.
Rawalpindi	Ditto „ 46906	23rd July 1885.
Lahore	Ditto „ 57528	20th January 1886.
Simla	Ditto „ 60661	22nd March 1887.
Chakrata	Ditto „ 46905	9th October 1883.
Dehra	?	?
Roorkee	Negretti and Zambra No. 38003	28th February 1879.
Ranikhet	Ditto „ 8882	6th November 1880.
Lucknow	Ditto „ 57533	13th August 1886.
Allahabad	Ditto „ 9229	1st April 1887.
Ghazipur	Ditto „ 57556	13th May 1887.
Silchar	Ditto „ 46889	1st February 1882.
Calcutta (Alipore)	J. Hicks „ 65177	6th October 1882.
Dhubri	Negretti and Zambra „ 57560	11th November 1886.
Nagpur	Ditto „ 57529	16th April 1886.
Pachmarhi	Ditto „ 38311	1st July 1879.
Jeypore	Ditto „ 46028	9th April 1884.
Mount Abu	Negretti and Zambra No. 46890	1st January 1883.
Deesa	Ditto „ 60656	12th December 1886.
Bombay	Ditto „ 37982	1st January 1885.
Poona	Ditto „ 60658	1st June 1887.
Vizagapatam	Ditto „ 3256	
Madras	?	?
Wellington	Negretti and Zambra No. 46913	18th March 1882.
Coimbatore	Ditto „ 46910	16th March 1882.
Rangoon	Ditto „ 60667	1st June to 28th November 1888.
Ditto	Ditto „ 43604	7th February 1880.

In consequence of breakage of the instrument in use at Aden, a new thermometer had to be supplied which was brought into use during the month of August.

Table I (Appendix) gives abstracts of the registers of 27 stations, *viz.*, the monthly means of all readings, the highest and lowest readings of each month, the monthly mean excess of the readings above those of the maximum thermometer in shade, and the monthly greatest and smallest differences.

Table II below gives the average monthly excess temperatures at 23 stations derived from all observations previously recorded.

Table III gives the differences of the mean excess insolation temperatures for each month of 1888 at the 23 stations from the corresponding values of Table II.

TABLE II.—*Average excess of Insolation over the corresponding maximum shade Temperatures.*

Stations.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Leh	5—6	60·9	66·9	66·0	67·1	65·1	61·0	55·5	56·7	56·8	59·8	57·6	58·6	61·0
Lahore	4	52·2	63·5	63·7	64·8	60·0	57·4	59·8	62·5	59·9	59·0	57·4	56·5	59·7
Simla	3—4	60·1	65·6	63·3	63·9	61·4	59·6	51·9	49·8	61·5	64·4	61·0	60·9	60·3
Rawalpindi	11—13	50·6	54·3	58·8	60·9	59·5	57·5	58·4	59·7	57·1	54·0	52·1	50·3	56·1
Murree	10—12	60·4	65·7	64·7	65·5	64·8	65·5	64·8	65·4	64·6	61·4	58·8	59·1	63·4
Ghazipur	5—7	51·0	53·1	53·6	52·1	51·7	52·2	52·9	53·4	55·6	52·7	53·3	51·4	52·8
Allahabad	13	56·3	60·2	59·6	57·3	57·1	58·2	59·6	61·5	58·9	56·1	54·7	56·7	58·0
Chakrata	9—11	67·2	69·9	67·3	66·8	65·6	64·4	60·8	63·1	67·0	64·8	63·5	62·7	65·3
Lucknow	10—13	59·3	62·1	61·6	58·9	57·9	58·0	57·5	60·2	61·7	58·8	58·6	58·7	59·4
Ranikhet	11—12	60·6	64·1	65·2	63·8	62·7	61·4	58·3	60·6	66·2	64·7	64·1	61·1	62·7
Roorkee	9—10	54·1	58·8	57·6	57·0	54·8	53·2	56·7	57·6	56·5	56·4	55·9	55·2	56·2
Jeypore	8	54·9	58·5	60·0	59·8	58·4	58·1	57·4	58·8	57·9	55·7	53·4	52·6	57·1
Silchar	6—7	50·3	52·5	50·8	51·9	50·8	49·9	53·5	53·7	53·1	51·6	49·9	49·5	51·5
Nagpur	9—10	57·8	58·3	57·8	58·7	58·3	56·3	52·8	58·4	62·4	61·8	59·7	58·1	58·4
Pachmarhi	9—12	61·4	61·9	61·8	60·6	59·5	59·5	51·4	55·5	62·8	62·3	61·8	60·7	59·9
Deesa	10—11	53·3	55·9	55·6	54·4	51·2	54·0	54·7	54·5	56·1	52·8	52·2	52·3	53·9
Mount Abu	8—11	61·8	63·6	63·4	62·3	58·6	58·8	53·2	53·4	60·8	61·1	60·6	61·2	59·9
Poona	9—10	53·5	53·7	53·7	52·8	50·0	51·7	50·7	55·3	58·6	57·2	54·5	53·7	53·8
Bombay	12—13	56·7	58·2	56·9	57·2	56·5	50·6	46·0	51·6	55·6	56·6	56·1	56·2	54·9
Coimbatore	6—7	52·6	50·5	50·1	50·2	49·9	53·2	52·1	55·2	55·4	52·4	50·8	49·6	51·8
Wellington	6—7	60·0	59·6	57·3	55·9	55·0	52·9	49·7	54·4	58·2	57·7	55·6	54·7	55·9
Rangoon	10—12	58·5	57·7	56·9	58·3	58·3	56·6	54·4	55·3	61·1	62·0	58·8	60·1	58·2
Calcutta	11—12	53·7	56·3	56·3	56·7	58·3	54·7	56·3	55·8	56·5	57·0	54·6	53·1	55·8

TABLE III.—*Comparison of excess Sun over shade Temperatures in 1888 with the averages of Table II.*

Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Leh	+1·3	+1·6	−1·3	−2·2	+0·5	+1·2	+0·3	−0·7	−2·3	−0·6	0	−3·5	−0·5
Lahore	+3·3	−3·4	−2·4	−0·9	−3·7	−2·7	−5·2	−0·7	−1·7	−0·9	−1·1	−1·5	−1·7
Simla	+1·5	−2·8	+3·3	+0·4	−0·8	−0·8	−0·9	+3·9	−2·5	−2·3	?	?	?
Rawalpindi	−0·3	+0·8	−4·2	−4·6	−4·2	−3·0	−5·0	−4·3	−4·6	−2·1	−1·4	−0·4	−2·8

TABLE III.—*Comparison of excess Sun over shade Temperatures in 1888 with the averages of Table II*—continued.

Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Murree . . .	+0·1	−4·0	−3·9	−5·3	−3·6	?	?	?	−1·3	−0·2	+1·5	+1·5	?
Ghazipur . . .	+3·5	+5·1	+4·3	+3·9	+1·9	−1·0	+1·2	+5·9	+4·0	+4·0	+5·1	+5·8	+3·6
Allahabad . . .	+1·4	+0·3	−0·3	+1·6	+1·0	−1·0	−3·5	−3·4	−1·0	+0·1	+4·5	+1·8	+0·1
Chakrata . . .	+2·0	+2·0	−3·7	−3·4	−7·2	−5·1	−2·6	−2·2	−2·6	−3·0	+1·3	+0·8	−2·0
Lucknow . . .	−2·8	−4·6	−5·7	−2·7	−2·1	−5·1	−4·7	−6·7	−4·3	−4·2	−3·4	−5·6	−4·3
Ranikhet . . .	−0·8	+5·1	+1·3	+2·5	+0·2	+0·6	+3·5	+3·1	+0·1	+1·9	+2·9	+2·9	+1·9
Roorkee . . .	−2·1	+0·4	−1·5	+0·1	−0·3	+0·2	−1·7	+0·4	−4·9	−0·6	−1·1	+1·5	−0·8
Jeypore . . .	−2·9	+1·5	−1·6	−1·6	−0·6	−2·1	−1.2	−2·5	−3·5	−1·2	−0·9	−0·3	−1·4
Silchar . . .	−2·6	−2·7	−3·8	−3·8	−2·8	−3·7	+1·1	+0·1	+0·5	·2·9	−0·8	0	−1·8
Nagpur . . .	−4·2	−2·5	−1·9	−4·7	−3·0	+0·5	+0·6	−2·6	−2·9	−3·1	−3·5	−2·5	−2·5
Pachmarhi . . .	−4·4	−3·9	−2·8	−5·1	−5·0	−0·7	−0·5	−2·6	−4·3	+0·1	+1·6	+0·8	−2·2
Deesa . . .	−0·4	+1·6	+0·5	+1·3	+2·2	+0·9	−0·1	−2·0	+0·8	+2·1	−2·5	−0·1	+0·4
Mount Abu . . .	−3·4	−6·4	−5·2	−5·6	−3·7	−3·7	−8·6	−8·7	−3·8	−5·0	−6·9	−6·4	−5·6
Poona . . .	−2·1	+1·8	+1·6	+0·8	+1·2	+3·5	−3·6	−0·1	+2·5	+1·2	+1·7	+1·6	+0·8
Bombay . . .	−6·9	−2·3	−2·5	−1·1	+1·3	+1·6	−2·4	−1·5	+1·8	−2·1	−3·3	−3·0	−1·7
Coimbatore . . .	−4·3	−5·1	−3·7	−0·8	−2·0	+0·1	+0·1	−2·3	−4·9	−6·9	−8·1	−7·0	−3·7
Wellington . . .	+2·2	+1·6	+1·1	+1·1	+3·0	+1·0	+2·6	+3·6	+5·2	+2·9	−9·0	+2·5	+1·5
Rangoon . . .	−5·1	−4·3	−2·1	−3·1	+0·4	−4·4	−9·7	−11·9	−3·3	−4·0	−2·1	+6·6	−3·6
Calcutta . . .	−4·0	−1·3	−1·2	−0·2	−0·2	−0·7	−1·5	−1·2	−0·6	−0·6	−0·9	−1·2	−1·1

These figures, it may be noted, show in some cases such large variations from the normal as to indicate that the instruments require re-verification. This will probably be done during the next year, and the results given in the Annual Report of the year 1889.

DURATION OF BRIGHT SUNSHINE.

The registration of the *duration of bright sunshine* is effected by means of the sunshine recorder—an instrument originally devised and first employed by Mr. Campbell of Islay, subsequently modified in such a manner as to furnish a trace capable of ready measurement, and finally improved to its present form by Prof. G. Stokes and Mr. Whipple. It consists of a spherical glass lens, mounted on a brass support, which also carries a curved brass plate fixed beneath the sphere, of such curvature and at such a distance from the spherical surface that the focal point, to which the sun's rays converge, travels across the surface of the plate between sunrise and sunset. A slip of card with printed divisions, corresponding to the hours, is inserted in grooves to the brass plate. As the radiant focus moves along the card, it burns a line which is either continuous or interrupted according to the state of the sky, and the measurement of which is a record of the time during which the sun shone with sufficient intensity to burn the surface of the card. The instrument is in use at Allahabad, Calcutta, Jeypore, Lahore, Dehra, and Bombay. The traces are measured to tenths of an hour, but in summing the daily totals for each

month, residual decimals are omitted, and in Table II (Appendix) the totals are given to integral hours only.

Table II (Appendix) gives the data of the six recording stations for each month of 1888. In the first column the sums of the measured traces are given, in the second the total number of hours that the sun was above the horizon, and in the third the ratio of the first to the second in the form of a percentage. Table IV (below) gives the averages of the registers at Lahore, Dehra, Allahabad, Calcutta, and Jeypore, and Table V a comparison of the monthly totals of 1888 with the averages of Table IV.

TABLE IV.—*Average Monthly Total Duration of Bright Sunshine.*

		Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Lahore	Average total hours of bright sunshine.	3—4	189	205	241	281	291	169	198	259	309	299	278	241	2,960
	Total hours of sun above horizon	...	318	307	368	385	422	419	428	407	367	350	313	311	4,395
	Average percentage ratio of actual to possible sunshine.	...	59	67	65	73	69	40	46	63	84	85	89	77	67
Dehra	Average total hours of bright sunshine.	6—7	145	180	200	212	215	166	97	108	177	242	230	199	2,171
	Total hours of sun above horizon	...	321	308	368	383	419	416	424	405	366	351	316	315	4,392
	Average percentage ratio of actual to possible sunshine.	...	45	58	54	55	51	40	23	27	48	66	73	63	49
Allahabad	Average total hours of bright sunshine.	6	257	277	299	306	300	211	152	143	230	283	291	265	3,014
	Total hours of sun above horizon	...	329	312	368	379	410	407	416	400	366	354	324	324	4,389
	Average percentage ratio of actual to possible sunshine.	...	78	89	81	81	73	52	37	36	63	80	90	82	69
Calcutta (*Alipore*)	Average total hours of bright sunshine.	6	267	268	283	288	270	139	117	118	144	249	246	261	2,650
	Total hours of sun above horizon	...	337	318	371	379	408	403	413	398	367	359	331	333	4,417
	Average percentage ratio of actual to possible sunshine.	...	79	84	76	76	66	34	28	30	39	69	74	78	60
Jeypore	Average total hours of bright sunshine.	4—5	234	252	276	271	287	219	141	117	241	276	285	267	2,866
	Total hours of sun above horizon	...	326	311	368	380	412	408	418	401	365	352	321	320	4,382
	Average percentage ratio of actual to possible sunshine.	...	72	81	75	71	70	54	34	29	66	78	89	83	65

TABLE V.—*Comparison of Monthly Total Duration of Bright Sunshine in 1888 with the Averages of Table IV.*

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Lahore	+21	−21	+24	−9	−29	−28	−42	−27	+9	−15	−10	+13	−10
Dehra	+24	−7	+39	−10	+1	−45	−32	+18	+3	+3	−34	+18	−2
Allahabad . . .	−33	−11	−18	−46	−39	−28	−45	−11	−28	+50	−18	+33	−16
Calcutta . . .	−51	+6	−10	−46	−23	+2	−28	−21	+16	+8	−36	+20	−14
Jeypore . . .	−13	−16	+7	+1	−8	+15	−38	−26	+5	−26	−9	+24	−7

Table IV (in the previous page) gives the monthly average amounts of sunshine based on the returns up to the end of the year 1888, and hence differs slightly from the corresponding table of data given in last year's report.

The month of greatest amount of sunshine proportionally to the greatest possible amount (calculated as a percentage) at Jeypore, Allahabad, Dehra, and Lahore (and hence probably over the whole of the interior of Northern India) is November, but at Calcutta it is February. Similarly the least percentage amount of sunshine is usually obtained at Lahore in June, at Dehra in July, at Allahabad and Jeypore in August, and at Calcutta in July.

The actual amount of sunshine (which depends partly upon the length of the day) is greatest at Lahore in September (309 hours), at Dehra in October (with 242 hours), at Allahabad in April (with 306 hours), at Jeypore in May (with 287 hours), and at Calcutta in April (with 288 hours).

The mean amount of sunshine for the year was below the average at all the five recording stations (situated in Northern India). It was deficient at Calcutta, Allahabad, and Jeypore, and in excess at Lahore and Dehra in January. It was in defect except at Calcutta for February, but the variations were small. It was considerably in excess at Lahore and Dehra in March, and largely in defect at Allahabad and Calcutta (46 hours, or an average of 1·5 hours per diem) in the month of April. It was very deficient at Allahabad, Lahore, and Calcutta in May, and at Dehra, Lahore, and Allahabad in June. It was largely in defect at all the five stations (by amounts ranging from 28 hours at Calcutta to 45 hours at Allahabad) in July. It was, on the whole, in moderate defect in August and slightly in excess in September and October (except at Allahabad, which received 50 hours more sunshine than usual in October). November was a very cloudy month, and the deficiency in the amount of sunshine ranged from 9 hours at Jeypore to 36 hours at Calcutta. In December skies were clearer than usual, and the amount of sunshine was from 13 hours to 33 hours in excess. The total amount of sunshine during the year was in defect at Dehra by 22 hours, at Jeypore by 84 hours, at Lahore by 114 hours, at Calcutta by 163 hours, and at Allahabad by 194 hours.

The following Table (VI) gives the monthly means of the excess of the sun thermometer over the maximum in shade thermometer at the same stations for comparison with the previous results:—

TABLE VI.—*Average Excess of Insolation Temperatures and their Differences of 1888.*

Stations.		January.	February.	March	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Lahore	Average	55·2	63·2	63·2	64·2	59·2	56·8	60·1	61·8	60·0	59·6	57·9	56 5	59·8
	Difference	+0·3	−3·1	−1·9	−0·3	−2·9	−2·1	−5·5	0	−1·8	−1·5	−1·6	−1·5	−1·8
Allahabad	Average	55·6	59·6	59·4	57·4	57·0	57·8	57·8	58·8	59·0	56·2	56·7	56·3	57·6
	Difference	+2·1	+0·9	−0·1	+1·5	+1·1	−0·6	−1·7	−0·7	−1·1	0	+2·5	+2·2	+0·5
Calcutta	Average	52·4	55·9	56·0	55·6	58·6	56·0	56·4	57·5	56·8	57·2	52·9	51·6	55·6
	Difference	−2·7	−0·9	−0·9	+0·9	−0·5	−2·0	−1 6	−2·9	−0·9	−0·8	+0·8	+0·3	−0·9
Jeypore	Average	53·1	58·6	59·8	60·0	58·8	58·2	58·3	57·4	56·8	55·5	52 6	52·0	56·8
	Difference	−2·0	+1·4	−1·4	−1·8	−1·0	−2·2	−2·1	−1·1	−2·4	−1·0	−0·1	+0·3	−1·1

NOCTURNAL RADIATION.

The observations of the terrestrial radiation thermometers in India were found on examination to be nearly as unsatisfactory as those of the solar radiation thermometers, and hence it was determined to close this class of observations from the 1st January 1888 at all except a few selected observatories. Observations of the terrestrial radiation thermometer were hence made during the year at the following stations only :—

Aden.	Ranikhet.	Mount Abu.
Leh.	Lucknow.	Deesa.
Murree.	Allahabad.	Bombay.
Rawalpindi.	Calcutta (Alipore.)	Vizagapatam.
Lahore.	Dhubri.	Madras.
Chakrata.	Nagpur.	Wellington.
Dehra.	Pachmarhi.	Coimbatore.
Roorkee.	Jeypore.	Rangoon.

Table III (Appendix) gives the mean monthly temperatures registered by the exposed minimum thermometer, the highest and lowest readings in each month, and the monthly average depression of the terrestrial radiation thermometer below the minimum in shade thermometer, and the greatest and smallest depressions of each month.

At most stations in Northern India the thermometers (which are spirit thermometers with large spherical or cylindrical bulbs) are laid on a thick pad of common country blanket, in order to obtain approximate uniformity of exposure with regard to the sky and earth.

Table VII below gives the averages of past years for 18 out of the 24 stations at which observations were taken in 1888, and Table VIII the variations of the corresponding averages in 1888 from those normal averages :—

TABLE VII.—*Average Depression of Monthly Mean Nocturnal Radiation Temperatures below Mean Minimum Shade Temperatures.*

Stations.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Aden . . .	6—9	3·2	2·6	2·9	3·2	3·1	3·5	2·3	2·5	3·8	4·0	4·2	3·6	3·2
Leh . . .	9—10	10·6	9·4	10·6	10·6	10·0	10·4	10·1	10·2	11·9	14·0	14·7	13·3	11·3
Rawalpindi . .	7—12	5·5	6·3	6·5	7·7	8·7	7·3	5·0	4·1	5·8	7·6	7·3	7·4	6·6
Murree . .	9—12	11·5	10·4	10·4	9·9	10·5	9·6	5·5	5·2	11·2	14·4	15·4	13·6	10·6
Allahabad . .	12	11·6	12·8	13·6	12·7	9·3	5·7	3·8	3·1	4·0	9·3	13·0	12·5	9·3
Chakrata . .	10—12	9·6	8·3	8·4	8·9	8·4	5·8	2·8	3·5	6·4	12·2	12·5	12·9	8·3
Lucknow . .	11—12	9·0	9·0	8·8	9·3	6·3	4·3	2·5	2·6	3·8	7·6	9·8	9·8	6·9
Ranikhet . .	10—12	12·8	13·3	12·8	14·4	12·1	8·1	4·4	5·0	7·8	14·7	16·6	16·7	11·6

TABLE VII.—*Average Depression of Monthly Mean Nocturnal Radiation Temperatures below Mean Minimum Shade Temperatures* —continued.

STATIONS.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Roorkee . .	11—12	7·2	7·4	7·6	8·6	6·8	4·0	2·3	2·7	4·2	7·1	8·3	7·8	6·3
Jeypore . .	7—8	9·6	10·3	9·9	9·9	7·7	4·8	2·5	2·8	5·4	9·1	11·0	10·6	7·8
Dhubri . .	6—8	7·3	8·2	6·4	4·6	3·0	2·0	2·3	2·4	2·8	5·3	6·9	7·2	4·9
Nagpur . .	9—12	13·1	13·3	12·9	12·4	10·7	4·5	2·8	3·9	4·8	8·9	12·0	14·5	9·5
Pachmarni . .	8—11	11·5	12·6	12·6	12·6	9·0	3·8	1·9	2·5	5·1	8·9	11·9	12·4	8·7
Deesa . . .	8—11	9·1	9·8	10·1	10·3	7·2	3·4	2·1	2·8	4·9	8·1	9·0	8·8	7·1
Mount Abu . .	7—12	16·5	13·3	14·3	12·2	7·8	3·5	1·9	1·9	5·9	13·4	17·9	17·3	10·5
Bombay . .	14	9·7	9·1	8·0	6·6	4·7	2·8	2·2	2·5	3·2	6·3	9·3	10·9	6·3
Rangoon . .	7—11	7·8	7·2	5·5	4·7	3·9	2·5	2·5	2·6	3·6	4·1	5·5	6·4	4·7
Calcutta (Alipore) .	11—12	9·4	9·0	7·4	5·7	3·9	2·7	2·2	2·3	3·2	5·7	8·6	10·1	5·9

TABLE VIII.—*Comparison of Mean Monthly Depression of Nocturnal Radiation Temperatures in 1888, with the averages of Table VII.*

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Aden	0	—0·6	+0·9	—0·8	+0·6	—0·5	—0·1	—0·3	—0·5	—0·8	—1·8	—0·2	—0·3
Leh	+2·9	+1·9	+1·9	+0·7	+3·5	+5·6	+4·1	+5·5	+8·1	+6·7	+6·1	+9·5	+4·7
Rawalpindi . . .	?	+1·0	+1·8	+2·0	+0·2	+0·1	—0·8	—0·4	+1·0	+1·1	+0·6	+3·0	?
Murree	+0·8	—1·5	?	—0·6	+0·3	—0·9	—1·9	—1·7	—1·3	—4·8	—6·2	—1·7	?
Allahabad . . .	—1·5	—3·0	—2·0	—2·3	—0·8	+0·5	—2·3	—1·8	—0·5	+0·7	—1·4	+0·6	—1·2
Chakrata . . .	+1·2	—1·6	+0·8	+1·2	—0·4	+1·8	0	+0·3	—0·2	+0·6	—0·5	+1·6	+0·4
Lucknow . . .	—1·9	—1·7	+2·5	+2·2	—1·7	—0·9	—1·3	—1·0	—1·2	—1·7	—3·0	—2·6	—1·0
Ranikhet . . .	?	+4·1	+5·5	+5·8	+4·9	+7·2	+4·0	+4·3	+4·2	+5·3	+2·2	+3·3	?
[illegible]orkee . . .	+0·6	+0·8	+0·7	+1·9	+1·0	?	—0·8	—1·5	—1·5	—0·7	—1·3	—0·9	?
[illegible]ore	—0·2	—1·9	—1·4	—0·9	+1·2	+1·0	+0·5	—0·4	+2·0	+0·1	—0·5	+0·5	0
[illegible]ori	+2·1	+1·6	+0·6	—0·3	—0·7	—0·9	—1·1	—0·5	—0·3	—0·2	—0·8	—0·1	—0·1
[illegible]gpur	—0·3	—0·2	+1·5	+1·9	+1·5	+1·0	+1·0	+0·2	+1·8	+1·7	—1·3	+1·3	+0·8
[illegible]achmarhi . . .	—4·6	—4·8	—2·9	—2·2	—1·7	—0·2	—0·9	—1·8	—2·6	+0·6	—1·4	+0·3	—1·9
Deesa	+0·1	—1·0	—0·5	—0·3	+0·2	—0·4	0	—0·1	+2·1	—1·1	—3·1	—1·1	—0·4
Mount Abu . . .	—5·2	—6·5	—7·2	—6·2	—3·4	—1·9	—1·8	—1·9	—0·3	—5·2	—9·3	—6·5	—4·6
Bombay . . .	—1·7	+0·2	+0·6	+0·5	+0·3	+0·2	—0·2	—1·0	+1·3	+2·1	—1·0	+2·0	+0·3
Rangoon . . .	—2·8	—3·0	—1·6	—1·4	—0·7	—0·1	—0·1	—0·3	—1·4	—1·7	—2·7	—2·7	—1·5
Calcutta (Aliporé) . .	+0·1	—0·6	—0·8	—0·8	—0·5	+0·2	—0·5	—0·8	—0·8	—0·3	—2·0	—0·7	—0·6

The returns of several of these stations, more especially those of Leh, Mount Abu, and Ranikhet, are very doubtful. Until the causes of these large variations from year to year so far as they depend upon slight differences of exposure have been ascertained, it is useless to discuss the results. They are included in the present year's report in the same form as hitherto for the sake of continuity.

TEMPERATURE OF THE GROUND.

Observations of the temperature of the ground have been recorded during the whole of the year at five stations—Calcutta, Allahabad, Dehra, Lahore, and Jeypore.

The thermometers used for the purpose are verified standard mercurial thermometers with attached scales of porcelain, the scale being engraved also on the tube. At Alipore (Calcutta), with the exception of the thermometer at 6 feet, and at Allahabad, with the exception of the thermometer at 9 feet, they are read three times daily at equal intervals of eight hours; at Lahore, with the exception of the thermometer at 6 feet, and Jeypore, with the exception of the thermometers at 10, 20 and 47 feet, they are read four times daily at intervals of six hours; and at Dehra once daily, *viz.*, at 3 P.M.

The thermometers below the surface have the bulb protected with a pointed copper shoe which rests on the ground at the bottom of a wooden tube, inserted to the specified depth and projecting 6 inches above the surface, the upper end being closed by a cap of metal or wood. Those at depths of 3 and 6 feet are attached to the lower end of a stout wooden bar of about half the diameter of the tube. Those at one foot have a brass ring attached to the top of the wooden frame by which they are lifted; and in all these the lower part of the frame around the bulb has been cut away and the lower end fitted with the copper shoe above mentioned.

Table IV (Appendix) gives the monthly means of the readings at the hours of observation and those of the day in 1888. In the case of Dehra only the former are available.

The mean results for Calcutta in Table IX (below) shew that the surface of the ground is, on the average, 2·7° hotter than the air. They also indicate that the temperature increases 1·6° in passing from the ground surface to a depth of 6 feet. This, as has been pointed out in previous reports, can only be attributed to the existence of an abnormal source of heat at some moderate depth below the ground surface, and is probably that of the decomposing organic matter with which certain beds in the alluvium are highly charged.

At Allahabad the ground surface is on the average 2·4° hotter than the air. The average temperature decreases (1·8°) down to a depth of 1 foot and then increases (1·3°) to a depth of 3 feet.

At Jeypore (where the soil on which the instrument is placed is almost pure sand) the surface is as much as 5·8° hotter than the air on the average of the whole year. In May the difference reaches the large amount of 10·9°. The mean temperature decreases to a depth of 3 feet, and then slowly increases.

At Lahore the surface soil, which is similar to that of Jeypore, is on the average 6·6 hotter than the air. The temperature decreases through a depth of 1 foot, and then slowly increases to a depth of 6 feet.

The variations, as shown in Table X, are to a certain extent interesting as confirming the records of bright sunshine. In March, April, and June the temperature of the soil surface to a depth of 3 to 6 feet was steadily above the average. The variations were, as might be expected, greatest at the surface and diminished downwards. There are, it is desirable to point out, anomalous results in the variations in the case of Jeypore given in Table X, which are opposed to this, and seem to require explanation.

TABLE IX.—*Average Monthly Mean Temperatures of the Ground and of the Air.*

		Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Calcutta (Alipore)	Air	10—11	65·0	69·8	79·2	84·6	84·8	84·5	83·0	82·4	82·3	80·0	72·3	65·1	77·8
	Surface	10—11	64·1	70·0	82·5	90·6	90·2	88·4	86·4	86·0	86·0	83·1	73·4	64·7	80·5
	1 foot deep	8—9	67·9	70·7	79·0	86·3	87·9	87·9	86·4	85·7	85·5	83·6	76·8	69·4	80·6
	3 feet „	10—11	72·1	73·3	78·6	84·5	87·0	87·6	86·6	86·1	86·0	85·2	80·9	74·9	81·9
	6 „ „	3—5	77·3	76·1	77·4	80·7	83·4	85·1	85·4	85·3	85·2	85·1	83·6	80·4	82·1
Allahabad	Air	20—22	60·6	65·4	78·0	87·4	92·1	91·3	84·8	83·6	83·0	77·8	67·9	60·6	77·7
	Surface	8—9	60·1	65·0	80·8	90·5	100·1	98·6	87·0	86·3	86·4	81·5	66·8	57·9	80·1
	1 foot deep	8—9	59·9	64·2	74·5	84·1	93·0	94·6	87·3	86·0	85·5	79·8	69·4	61·8	78·3
	3 feet „	8—9	65·5	67·2	73·1	81·1	88·3	92·1	88·3	86·4	85·7	82·8	76·0	69·1	79·6
Jeypore	Air	18—19	60·7	63·5	76·0	85·2	90·2	90·5	83·9	81·7	82·4	77·9	69·4	62·0	77·0
	Surface	7—8	61·6	68·0	83·2	94·0	101·1	100·0	89·3	87·8	90·5	85·4	70·5	61·6	82·8
	4 inches deep	7—8	61·9	67·7	80·9	90·4	96·9	96·4	87·1	85·7	87·4	84·9	72·6	63·3	81·3
	1 feet „	7—8	61·9	65·0	77·0	85·8	92·9	94·6	86·8	85·2	86·0	83·0	72·2	63·5	79·5
	3 feet „	7—8	66·7	66·7	73·8	80·6	86·4	89·8	87·1	85·0	85·2	84·2	77·2	70·3	79·4
	10 „ „	6—8	75·4	73·2	73·2	75·7	79·1	82·4	84·3	83·9	83·8	83·9	82·4	79·0	79·7
	20 „ „	7	79·7	78·3	77·2	77·1	78·1	79·6	80·7	81·7	82·2	82·4	82·4	81·5	80·1
Dehra	Air	21—22	54·7	57·2	66·3	76·5	82·0	84·2	79·6	78·5	77·4	70·6	61·9	56·0	70·4
	1·1 feet deep	7—8	57·3	58·4	68·2	78·8	85·2	87·9	84·0	82·7	82·1	76·4	67·4	60·3	74·1
Lahore	Air	19—21	53·4	57·9	68·6	80·0	87·5	92·0	88·6	87·1	83·9	75·9	63·2	54·3	74·4
	Surface	3—4	50·8	57·7	75·6	90·8	101·3	102·8	100·6	99·5	97·4	80·0	62·6	53·1	81·0
	1 foot deep	3—4	57·7	59·6	71·1	81·2	89·5	93·0	95·1	93·9	92·8	83·3	71·4	62·5	79·3
	3 feet „	3—4	62·6	62·1	70·4	78·6	86·4	90·5	93·2	92·5	92·2	85·8	76·2	67·9	79·9
	6 „ „	3—4	71·6	69·1	70·8	74·7	79·9	84·1	87·0	88·1	88·6	86·8	82·2	76·5	80·0

TABLE X.—*Comparison of the Monthly Mean Temperatures of the Ground in 1888, with the Averages of Table IX.*

		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Calcutta (Alipore)	Surface	−0·9	−0·3	+0·8	+1·2	+1·7	+4·7	0	−0·7	+0·3	−0·9	+1·2	−2·3	+0·4
	1 foot deep	−0·6	−0·3	+0·5	+1·3	+1·3	+2·6	+0·1	−0·8	−0·1	−0·5	+0·7	−1·0	+0·3
	3 feet „	−0·4	−0·8	0	+1·1	+0·9	+1·7	+0·8	−0·3	−0·3	−0·1	+0·2	−1·2	+0·1
	6 „ „	0	?	−0·1	+0·3	+0·4	+0·4	+0·7	+0·2	−0·2	0	+0·2	0	?
Allahabad	Surface	−2·0	+2·2	+1·9	+4·3	+4·6	+3·8	−0·6	−2·2	−2·5	+1·2	+2·4	−1·1	+0·9
	1 foot deep	+0·7	+1·8	+3·3	+3·7	+2·8	+3·1	−0·1	−0·5	−1·4	+2·6	+3·6	+1·1	+1·7
	3 feet „	+1·1	+0·5	+2·6	+2·6	+2·6	+2·1	+0·4	−0·3	−1·1	+1·0	+2·2	+1·2	+1·2
Jeypore	Surface	−3·1	+0·1	+1·7	−0·7	−0·2	+3·4	+1·7	−3·6	+1·6	−2·1	−0·1	+0·2	−0·1
	4 inches deep	−4·3	−0·9	+0·9	−0·5	+0·1	+3·3	+1·8	−3·1	+1·4	−3·1	−1·5	−1·9	−0·7
	1 foot „	−3·1	+0·6	+2·7	+0·9	+1·1	+3·5	+2·0	−2·6	+1·0	−2·7	−1·3	−2·1	0
	3 feet „	−0·8	−0·2	+2·0	+1·3	+0·9	+1·6	+1·9	−0·9	+1·0	−1·0	−0·4	−1·2	+0·4
	10 „ „	+0·3	−0·1	+0·4	+1·2	+1·4	+1·5	+1·8	+1·5	+0·9	+0·6	−0·1	−0·8	+0·7
	20 „ „	+1·0	+1·4	+1·5	+1·1	+0·5	−0·2	−0·2	−0·2	−0·2	−0·3	−0·3	+0·3	+0·4
Dehra	1·1 feet „	−1·5	−1·1	+0·6	+1·1	+0·6	+1·8	−0·7	+0·1	−1·7	−1·9	−0·1	−2·3	−0·4
Lahore	Surface	−1·3	−0·2	+2·9	+0·2	−1·3	+0·6	−0·3	−0·5	−1·2	−3·0	+0·4	−1·8	−0·4
	1 foot deep	−1·2	−0·5	+1·6	+1·0	−0·7	+0·3	+0·1	0	−0·5	−1·9	−0·2	−2·0	−0·3
	3 feet „	−0·5	−0·1	+1·1	+1·0	−0·5	+0·1	+0·1	+0·2	−0·6	−1·3	+0·1	−0·7	−0·1
	6 „ „	−0·5	−0·4	+0·1	+0·7	+0·1	+0·1	+0·3	+0·6	−0·2	−0·6	0	−0·3	0

TEMPERATURE OF THE AIR.

The temperature of the air is observed at the great majority of the Indian observatories at 10 A.M. and 4 P.M. only, and the readings at these hours, together with those of the maximum and minimum thermometers, are the available data utilised for the determination of the mean temperature. At Lahore, Jeypore, Saugor Island, Chamba and

Vizagapatam readings of the thermometers are taken in addition at 4 A.M. and 10 P.M., and at Allahabad, Calcutta, Bombay, and Leh at 6 A.M. and 10 P.M.

The methods of exposure of the instruments were described in page 37 of last year's report and need not be repeated.

All the thermometers used for determining air temperatures at observatories in India have been verified at Calcutta, Bombay or Madras by careful comparison with Kew standard thermometers. Those in use in Ceylon have been verified at Colombo by comparison with a standard thermometer tested at the Greenwich Observatory. All thermometer readings are corrected to their true values, and are hence strictly comparable.

Table V (Appendix) gives the monthly and annual means and extreme temperatures at 140 observatories. The following registers are more or less incomplete for various reasons :—

Mooltan.	Kurnool.	Bhamo.
Tura.	Mercara.	Mandalay.
Makhla.	Bangalore.	Thayetmyo.
Hyderabad.	Salem.	Moulmein.
Surat.	Coimbatore.	Cocos Island.
Masulipatam.	Jaffna.	Nancowry.

The tabulated data are the means of each hour of observation, and of the maximum and minimum temperatures respectively, the extreme temperatures of each month and of the whole year, the mean daily and the extreme monthly and annual ranges, and finally the mean temperatures of each month of the year. The methods adopted for computing the mean monthly temperatures were fully stated in last year's report (pages 37 and 38), to which the reader is referred for information on this point.

Table VI in the Appendix gives the data from which the isotherms of each month in Plates II to IV have been drawn. They are the adopted sea-level equivalents of the mean monthly temperatures of all stations named in Table V and at a lower elevation than 3,000 feet. The reduction to sea-level has been made by adding 1° temperature for every 450 feet of elevation.

Table XI gives the average temperatures for each month and for the whole year of all the observing stations, the records of which furnish data for three years or upwards.

They are derived from the registers of past years and are computed by the same methods as are employed to obtain the means of Table V (Appendix), so that in every case the corresponding means in Tables XI and V (Appendix) are comparable. The means based on data for 10 years or upwards may be accepted as approximately accurate. Those for a smaller number of years are—

Aden.	Dhubri.	Pachpadra.
Amini Divi.	Tura.	Gopalpur.
Chamba.	Pedong.	Rajahmundry.
Kailang.	Demagiri.	Kurnool.
Pithoragarh.	Calcutta (Chowringhee).	Mangalore.
Ghazipur.	Makhla.	Mercara.
Katmandu.	Sambhar.	Cuddapah.

Table XII shows the variation of the mean temperature for each month and station above or below the corresponding normal values.

Table XIII is a summary of the data given in Table XII arranged for geographical divisions :—

TABLE XI.—*Average Monthly Mean Temperatures of 134 Stations in India, Ceylon, &c.*

Stations.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Aden	5—8	75·2	75·9	78·3	81·7	84·7	86·7	85·2	84·4	85·9	81·5	77·4	75·6	81·0
Mauritius	16—17	78·9	78·7	77·9	76·5	73·0	70·2	68·7	68·8	70·1	72·1	74·9	77·6	74·0
Bushire	10—11	57·2	57·5	62·7	71·4	80·8	84·7	88·1	88·7	85·1	77·8	69·2	61·1	73·7
Amini Divi	3—5	79·8	80·6	82·3	83·9	84·4	81·2	80·3	80·6	80·6	80·6	80·1	79·9	81·2
Quetta	9—10	39·5	40·0	49·9	57·9	66·2	73·8	77·4	75 2	66·9	55·8	46·2	41·1	57·5
Leh	12—17	17·6	19·4	31·0	40·9	47·2	55·7	61·9	60·2	52·3	40·2	30·6	2·3	40·1
Mooltan	17—19	54·5	58·4	70·4	80·0	88·9	93·6	91·6	89·2	86·6	77·3	66·1	56·7	76·1
Dera Ismail Khan	19—21	52·4	56·4	66·8	77·3	87·0	92·7	91·4	89·8	86·0	75·3	62·0	54·0	74·3
Peshawar	11—12	49·9	51·8	62·2	70·7	81·1	88·8	89·2	87·1	81·1	71·1	58·4	50·9	70·2
Murree	17—18	38·5	38·8	48·5	57·2	64·9	71·3	68 3	66·3	65·0	58·4	49·2	43·1	55·8
Rawalpindi	19—21	48·6	51·6	61·4	71·5	81·2	88·7	86·7	83·8	80·1	69·7	57·2	50·3	69·2
Sialkot	20—21	52·2	56·0	65·8	77·3	85·3	90·8	86·7	85·1	83·0	74·8	62·1	53·3	72·7
Lahore	19—21	53·4	57·9	68·6	80·0	87·5	92·0	88·6	87·1	83·9	75·9	63·2	54·3	74·4
Ludhiana	18—20	52·5	57·0	68·0	78·6	85·5	90·6	86·1	85·5	82·9	74·9	62·6	54·5	73·2
Chamba	3—4	47·1	49·0	59·8	66·8	73·3	78 9	77·7	75·9	72·7	65·7	56·4	50·7	64·5
Kailang	4—5	20·2	19·2	29·5	38·1	46·8	53·3	61·2	59·9	53·8	42·4	32·9	24·9	40·2
Simla	13—16	40·2	41·2	49·7	58·5	63·4	67·0	64·1	62·9	61·4	55·9	49·0	44·8	54·8
Delhi	12—13	58·4	62·2	74·3	84·6	89·7	92·7	86·5	85·2	84·1	78·7	68·3	60·3	77·1
Sirsa	10—12	55·8	59·5	71·4	82·2	89·1	93·0	89·0	87·8	85·4	78·3	65·1	57·2	76·2
Chakrata	19—20	42·0	43·2	51·2	59·9	64·3	67·2	64 8	64 1	63·0	57·9	51·3	46·3	56·3
Mussooree	3	?	?	?	?	?	?	?	?	?	?	?	44·2	?
Dehra	21—22	54·7	57·2	66·3	76·5	82·0	84·2	79·6	78·5	77·4	70·6	61·9	56·0	70·4
Roorkee	25	56·3	60·3	70·4	81·8	87·6	90·2	84·6	83·6	82·4	75·0	64·1	57·0	74·4
Ranikhet	17—18	45·8	48·2	56·3	65·2	67·9	70·5	67·7	67·0	66·0	61·0	54·7	49·5	60·0
Pithoragarh	6—7	48·0	50·9	59·2	66·9	69·0	71 4	71·2	70·3	69·8	67·0	57·2	52·2	62·8
Meerut	20—22	56·7	61·7	72·8	82·9	88·7	91·3	86·1	84·8	83 3	76·0	65·4	57·8	75·6
Bareilly	20—22	57·5	61·9	72·6	83·1	87·8	89·0	84·0	83·1	82·4	76·1	65·6	58·1	75·1
Agra	24—25	60·4	65·3	76·8	88 0	93·9	94·4	86·9	85·2	84·4	79·7	69·9	62·1	78·9
Lucknow	21—22	60·9	65·9	77·0	87·3	91·6	91·8	86·0	85·1	84·5	78·7	68·7	61·1	78·2
Gorakhpur	20—22	60·4	64·8	76·3	85·7	87·8	87·9	84·1	83·6	83·7	79 0	69·1	61·8	77·0
Jhansi	20—22	63·3	67·8	78 8	88·7	94·6	93·0	83·6	82·4	82·4	80·5	72·9	64·8	79·4
Allahabad	20—22	61·1	65·7	78·2	87·4	91·8	91·0	85·0	83·7	83·5	78·8	69·0	61·1	78·0
Benares	22—24	60·9	65·8	77·3	87·0	91·2	91·3	84·9	84·1	83·2	78·1	68·4	60·9	77·8

TABLE XI.—*Average Monthly Mean Temperatures of 134 Stations in India, Ceylon, &c.*—contd.

STATIONS.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Ghazipur . .	4—6	60·5	63·5	76·4	85·8	88·7	87·6	84·0	82·8	83·0	77·8	67·7	60·5	76·5
Katmandu . .	8—9	47·4	49·7	58·9	63·6	67·6	72·6	73·4	72·4	71·1	64·3	54·5	48·2	62·0
Sibsagar . .	14	58·8	62·5	68·8	73·8	78·2	83·1	83·9	83·1	81·9	77·1	68·6	61·0	73·4
Dhubri . .	6—7	62·6	64·8	74·9	78·8	78·5	80·0	82·2	81·1	79·9	78·2	70·9	64·5	74·7
Tura . .	3—4	61·3	63·4	74·5	77·9	76·0	?	78·0	77·3	77·2	74·5	68·6	63·0	?
Silchar . .	18—19	63·4	66·9	73·4	77·9	79·7	81·7	82·4	81·9	81·8	79·8	73·2	65·9	75·7
Darjeeling . .	19—20	39·3	40·7	48·0	53·7	55·8	59·6	60·9	60·7	58·6	54·3	47·8	41·8	51·8
Pedong . .	3—4	45·6	48·6	57·0	61·1	63·8	67·5	68·1	67·5	66·1	61·9	54·3	49·2	59·2
Mongpoo . .	10	53·1	54·8	62·9	67·6	68·7	71·5	72·8	72·1	71·5	67·7	61·0	55·1	64·9
Purneah . .	9—12	61·6	65·4	76·3	83·9	83·6	83·9	84·1	83·6	83·1	78·9	70·8	62·9	76·5
Durbhunga . .	10—12	62·0	64·6	75·5	83·8	84·7	85·1	84·3	83·5	83·4	79·5	71·3	63·3	76·8
Patna . . .	19—20	61·3	65·6	77·6	86·9	88·5	87·9	84·7	84·0	83·9	79·7	70·4	62·5	77·8
Gya . . .	16—17	64·1	69·1	80·3	89·3	91·6	89·3	84·2	83·7	84·1	80·2	71·5	64·4	79·3
Hazaribagh .	19—20	60·9	64·8	75·0	83·5	85·2	82·3	78·3	77·7	77·5	74·1	67·1	60·8	73·9
Berhampore . .	20	64·4	68·7	78·2	85·0	84·5	83·8	83·0	82·6	82·7	80·3	72·9	65·6	77·6
Burdwan . .	14—15	65·9	69·9	79·6	85·5	84·6	84·3	83·3	82·5	82·8	80·4	72·9	66·4	78·2
Jessore . .	19—20	65·1	69·6	78·8	83·2	83·4	83·1	82·5	82·1	82·2	80·2	72·9	65·8	77·4
Dacca . .	18—20	66·1	70·7	78·8	82·6	82·8	83·1	83·2	83·1	83·2	81·4	74·7	68·0	78·1
Chittagong . .	19—20	66·5	70·6	77·1	81·3	82·1	81·1	80·6	80·5	81·0	79·7	74·3	68·0	76·9
Demagiri . .	7—9	62·4	64·4	72·8	78·2	79·1	79·0	78·5	78·6	78·9	78·0	73·0	65·4	74·0
Calcutta (Alipore) .	10—11	65·0	69·8	79·2	84·6	84·8	84·5	83·0	82·4	82·3	80·0	72·3	65·1	77 8
Calcutta (Chowringhee.)	6—8	66·9	70·7	79·6	84·7	83·8	83·3	82·2	81·7	82·0	80·2	73·0	66·5	77·8
Saugor Island .	19—20	67·4	72·6	80·1	83·8	85·1	84·9	82·9	82 7	82·7	80·3	73·6	66·9	78·6
Cuttack . .	20	71·5	75·8	82·8	87·6	88·7	86·1	83·2	83·2	83·1	81·4	75·2	69·9	80·7
False Point . .	8—10	67·9	72·0	78·2	82·0	83·1	83·6	81·5	81·4	81·6	79·8	72·7	66·2	77·5
Sambalpur .	16—17	67·5	72·4	80·9	89·3	92·6	87·3	80·5	80·5	81·6	79·4	72·0	66·4	79·2
Raipur . .	18—19	67·0	71·3	80·1	88·1	92·1	85·5	78·8	79·1	79·7	77·3	70·2	65·7	77·9
Nagpur . .	18—19	68·6	73·4	81·9	88·6	92·9	85·5	79·0	79·2	79·2	77·3	70·8	66·9	78·6
Seoni . . .	16	63·9	68·2	77·1	84·1	87·6	81·9	76·2	75·7	76·1	73·0	66·4	62·5	74·4
Jubbulpore . .	19	62·0	65·9	75·8	84·7	90·3	85·9	78·6	78·1	78·5	74·1	65·7	60·8	75·0
Saugor . .	16—18	63·3	67·1	77·4	85·3	89·2	85·0	77·5	76·5	77·3	75·2	69·1	63·7	75·6
Pachmarhi . .	15—16	58·0	61·8	71·6	79·3	83·4	77·5	70·4	69·7	70·4	67·0	59·9	56·2	68·8
Hoshangabad .	18—19	65·8	69·7	79·3	87·7	92·6	87·0	79·0	78·3	79·3	77·1	70·0	65·6	77·6
Khandwa . .	11—13	66·9	70·3	80·0	87·4	91·7	86·2	79·3	78·6	78·6	76·6	69·5	64·9	77·5

TABLE XI.—*Average Monthly Mean Temperatures of 134 Stations in India, Ceylon, &c.*—contd.

Stations.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Chanda	16—18	68·7	73·9	82·1	89·5	93·0	86·4	79·9	79·7	79·5	77·0	70·2	66·0	78·8
Sironcha	10—12	71·1	77·9	85·4	91·7	93·9	86·9	80·7	80·4	80·5	79·5	73·6	68·9	80·9
Chikalda	11—12	63·4	67·2	75·2	80·8	82·0	74·8	68·8	68·1	68·6	68·9	64·9	61·8	70·4
Buldana	13—14	68·4	72·7	80·8	86·2	87·3	80·3	75·5	74·5	74·6	75·0	70·3	67·0	76·1
Akola	14—15	68·3	72·8	81·6	88·9	92·9	85·5	79·5	79·1	78·7	76·7	70·4	66·1	78·4
Amraoti	15	69·4	73·8	82·2	88·7	90·9	83·9	78·3	77·6	77·7	76·6	71·3	67·8	78·2
Makhla	8—9	64·2	67·9	76·9	83·0	84·9	75·9	70·7	70·1	70·4	70·2	65·7	62·9	71·9
Neemuch	9—11	62·4	65·0	75·9	84·0	88·6	86·1	79·0	77 8	77·8	76·3	68·1	62·7	75·3
Nowgong	10—11	60·3	64·4	76·4	86·3	92·0	91·1	82·7	81·9	81·9	76·8	66·2	60·0	76·6
Sutna	11—12	60·7	64·4	75·7	84·9	89·9	88·9	81·3	80·5	80·4	75·9	66·2	60·2	75·8
Indore	10	63·9	66·4	75·6	82·8	87·4	82·5	76·5	75·6	75·7	74·2	66·5	62·3	74·1
Bickaneer	9—11	60·4	63·7	77·3	87·3	93·5	94·7	89·8	87·4	87·5	83·6	71·3	62·7	79·9
Jeypore	18—19	60·7	63·5	76·0	85·2	90·2	90·5	83·9	81·7	82·4	77·9	69·4	62·0	77·0
Sambhar	7—8	58·2	61·7	73·3	85·4	91·4	89·8	82·2	81·1	80·9	76·9	67·1	58·6	75·6
Ajmere	21	57·6	61·3	72·6	83·3	89·2	87·5	82·0	79·4	80·6	74·9	66·1	58·9	74·5
Mount Abu	9—12	57·5	59·8	69·0	75·3	79·1	75·1	69·2	67·6	68·9	70·1	63·9	58·9	67·9
Pachpadra	7—9	60·9	64·1	76·3	85·3	91·6	92·1	86·5	83·7	84·1	80·6	68·6	62·2	78·0
Jacobabad	9—11	57·2	61·6	74·0	83·3	92·0	96·2	94·1	90·8	87·8	78·3	65·4	58·4	78·3
Hyderabad	9—11	62·7	66·1	77·9	85·2	90·9	90·8	87·9	85·4	85·3	82·8	72·3	64·0	79·3
Kurrachee	12—13	64·9	68·0	76·0	80·0	85·2	86·8	84·1	81·9	81·8	79·6	72·6	67·3	77·4
Bhuj	9—12	66·2	69·6	78·3	83·4	86·8	86·1	82·5	81·0	81·5	82·1	74·1	67·5	78·3
Rajkot	8—11	66·1	69·3	77·9	83·8	88·2	86·1	81·2	80·3	80·1	80·4	73·0	67·4	77·8
Deesa	13	67·1	70·9	81·2	87·9	92·2	90·0	83·1	81·5	81·9	80·6	74·0	68·9	79·9
Surat	10—11	69·7	72·1	79·1	84·2	85·5	84·3	80·9	80·5	80·6	79·9	74·8	70·5	78·5
Malegaon	10—11	67·7	71·4	79·6	85·1	87·4	82·5	78·1	77·2	77·1	76·1	70·3	66·0	76·5
Bombay	41	73·8	75·2	79·0	82·3	84·9	83·1	80·9	80·4	80·0	81·0	79·0	75·9	79·6
Poona	12—13	71·8	76·3	82·7	85·7	84·6	78·9	75·1	75·0	75·0	77·7	75·3	71·4	77·5
Sholapur	10—11	71·5	76·6	83·3	88·2	88·4	81·3	78·2	77·7	77·1	76·9	73·6	70·1	78·6
Ratnagiri	11	74·5	74·9	78·5	81·7	83·6	80·2	78·3	78·0	77·8	78·7	77·4	75·3	78·2
Belgaum	12—13	71·7	75·9	79·7	80·7	79·5	73·4	70·7	70·3	70·7	73·8	72·9	71·1	74·2
Karwar	9—10	75·1	75·4	79·3	81·9	83·2	78·8	77·3	76·9	76·9	77·5	76·6	75·4	77·9
Gopalpur	5	69·2	73·4	78·5	80·6	82·9	83·5	81·9	82·5	82·7	80·7	74·1	65·3	77·9
Vizagapatam	18	75·7	78·8	83·2	86·2	87·9	87·5	85·2	85·3	84·9	83·2	79·2	75·2	82·7
Rajahmundry	3—4	75·5	79·3	83·7	88·0	89·9	86·8	82·2	82·8	83·4	81·1	77·7	74·7	82·1

TABLE XI.—*Average Monthly Mean Temperatures of 134 Stations in India, Ceylon, &c.*—concld.

Stations.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Masulipatam	17—18	74·4	76·7	80·7	84·6	88·0	86·8	83·8	83·5	82·7	81·0	77·5	74·3	81·2
Secunderabad	17—18	70·3	75·7	82·2	87·0	88·5	81·8	77 0	77·2	76·6	76·0	71·9	68·9	77·8
Kurnool	5—6	75·3	79·9	86·9	91·6	91·3	84·5	81·1	81·0	80·8	79·8	76·4	73·4	81·8
Bellary	17—18	73·1	78·5	85·2	89·0	88·0	83·0	80·6	80·6	79·9	78·6	75·2	72·3	80·3
Mangalore	7—8	76.3	77·6	80·9	83 3	82·8	78·1	76·7	76·6	77·1	78·0	78·3	77·4	78·6
Mercara	7—8	64·4	67·6	70·3	71·6	70·2	65·5	63·9	64·3	64·4	65·9	65·3	64·2	66·5
Bangalore	17—18	67·3	71·8	76·7	80·0	78·5	74·0	72·1	72·2	72·2	71·8	69·7	67·3	72·8
Cuddapah	3—4	76·2	80·7	87·7	92·5	92·9	88·0	85·3	84·5	84·1	81·4	77·0	74·9	83·8
Madras	28	75·6	77·2	80·8	84·8	87·3	87·4	85·4	84·5	84·0	81·2	78·2	76·0	81·9
Salem	17—18	75·4	78·7	83.4	86·5	85·0	82·4	81·0	80·4	80·3	78·8	76·8	74·9	80·3
Wellington	14—16	55·3	58·2	62·6.	65·1	65·6	63·3	62·6	62·4	62·0	60·6	58·4	55·8	61·0
Coimbatore	18	73·7	76·9	81·1	83·3	81·2	77·9	76·7	77·0	77·2	76·8	75·6	73·7	77·6
Trichinopoly	17—18	75·7	78·5	83·2	87·3	87·6	86·1	85·1	84·0	83·2	80·6	77·8	75·5	82·1
Negapatam	17—18	76·4	78·0	81·7	84·7	86·0	85·4	84·3	83·2	82·7	80·9	78·4	76·4	81·5
Madura	17—18	77·0	79·1	82·9	85·7	85·8	84·9	84·3	83·5	83·0	80·6	78·6	76·8	81·9
Cochin	16—17	78·7	80·1	82·6	83·8	82·0	78·3	77·3	77·7	78·2	78·8	79·4	78·9	79·7
Colombo	16—17	78·9	80·1	82·0	83·0	82·5	81·1	80·6	80·6	80·8	80·3	79·7	79·1	80·7
Jaffna	15	77·5	79·1	82·5	85·2	84·8	83·5	82·5	82·3	82·2	81·3	78·9	77·4	81·4
Trincomalee	13—15	77·1	78·4	80·6	82·6	83·2	83·0	82·4	81·6	81·6	79·9	78·1	77·2	80·5
Batticaloa	15—18	76·8	78·2	80·3	82·5	83·4	83·1	82·8	82·2	81·8	80·5	78·3	76·8	80·6
Hambantota	17—18	78·1	79·2	80·9	82·4	81·3	80·6	80·1	80·1	80·0	79·8	78·7	78·6	80·0
Galle	16—17	77·7	79·0	80·7	81·6	81·4	80·1	79·3	79·6	79·7	79·3	78·6	78·0	79·6
Kandy	16—17	73·2	74·9	77·6	78·0	77·9	75·5	75·0°	75·2	75·0	74·7	74·3	73·7	75·4
Newera Eliya	16—17	56·6	57·1	58·7	59·5	60·2	57·7	56·6	57·9	57·3	57·6	57·7	53·7	57·5
Akyab	18—20	69·5	72·7	78·7	83·6	84·1	81·7	80·7	80·8	81·8	81·5	77·7	72·0	78 7
Thayetmyo	9—11	68·4	72·8	81·7	87·3	85·5	80·8	80·4	80·2	80·7	80·6	76·3	70·9	78·8
Toungoo	8—11	69·9	73·6	80·8	85·4	83·3	79·0	78·2	78·1	79·6	80·3	77·3	72·2	78·1
Bassein	10—11	71·6	74·8	79·7	82·3	82·1	78·8	78·1	78·1	78·3	78·8	77·6	73·8	77·9
Diamond Island	8—10	75·2	76·4	79·1	82·1	82·2	79·3	78·3	78·5	78·6	79·7	78·8	76·9	78·8
Rangoon	11—12	74·9	77·1	81·2	84·0	82·1	78·8	77·8	77·8	78·4	80·0	78·4	75·8	78·9
Moulmein	11—12	75·1	77·3	81 2	83·0	81·4	77·9	76 9	77·1	77·7	79·9	78·4	75·6	78·5
Mergui	10—11	76·5	78·9	80·3	80·9	79·7	77·0	76·3	76·7	76·5	77 6	77·1	75·8	77·8
Port Blair	19—20	79·2	79·6	81·7	83·4	81·4	80·6	79·9	79·6	79·2	79·7	80·0	79·2	80·3
Nancowry	13—15	79·5	80·5	81·6	82·4	81·2	80·3	79·8	79·5	79·4	78·8	78·9	78·6	80·0

TABLE XII.—*Comparison of Monthly Mean Air Temperatures in 1888, with the Averages of Table XI.*

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Aden	−0·4	+0·1	−0·9	+1·3	+0·6	+0·5	+1·3	+2·4	+0·1	−0·6	+1·2	+0·4	+0·6
Mauritius	−1·1	−1·1	−2·3	−2·6	−0·3	−0·2	−0·1	+0·2	−0·9	−0·8	+0·9	−1·1	−0·8
Bushire	−0·1	+2·1	+3·8	+1·6	−0·1	+1·4	+0·8	+0·6	+1·6	+4·1	+0·1	−1·5	+1·3
Amini Divi	−0·4	+0·5	+0·6	+0·5	0	−0·4	+1·1	+1·1	+2·0	+1·0	+1·2	+1·3	+0·7
Quetta	−2·6	+1·4	+3·1	+1·0	−1·9	−2·5	+0·4	−1·7	−3·3	−0·6	+0·2	+1·7	−0·4
Leh	+1·2	0	+3·0	−0·3	−0·3	−2·6	+0·9	+0·6	+1·6	+1·6	+1·4	−0·3	+0·5
Mooltan	−2·4	−3·0	+3·5	+2·3	+2·2	+1·4	+2·6	+2·7	?	+1·2	+0·7	+1·8	?
Dera Ismail Khan	−1·6	+0·2	+4·5	+1·4	+2·4	+1·2	+3·4	+2·6	+2·3	+1·1	+3·0	+1·5	+1·8
Peshawar	−0·9	+1·7	+3·3	+2·1	+3·7	+1·2	+2·2	+0·9	+2·0	+1·0	+2·7	+1·8	+1·9
Murree	−2·0	−1·5	+3·7	+0·7	+2·1	−1·3	+0·1	−0·7	+1·1	−1·3	−1·7	0	−0·1
Rawalpindi	−1·8	−0·2	+4·0	+1·3	+2·5	−0·9	+1·0	0	+1·8	+0·9	+2·6	−0·6	+0·9
Sialkot	−1·2	−0·6	+3·1	+2·4	+3·0	−0·1	−0·3	−1·8	+1·9	−0·8	+2·4	+1·1	+0·8
Lahore	−1·6	−1·0	+4·4	−2·7	+2·7	+0·9	+1·2	+0·4	+1·1	−0·3	+1·9	+1·5	+1·2
Ludhiana	−0·8	+0·6	+4·6	+4·1	+4·2	−0·1	−0·2	−1·1	−0·7	−0·8	+1·8	+0·8	+1·1
Chamba	−0·6	+1·3	+2·6	+2·1	+1·5	−0·1	+0·5	+0·7	+1·8	−0·9	−0·4	+0·1	+0·9
Kailang	+1·7	+1·9	+1·6	+2·1	−1·5	−1·4	−1·0	−0·2	−2·4	−2·3	−0·7	−6·0	−0·6
Simla	−2·3	−0·4	+4·3	+1·9	+2·6	−0·5	+0·2	+0·3	−0·3	+0·3	−0·6	+2·8	+0·8
Delhi	−2·2	−0·7	+2·0	+1·9	+1·1	+0·1	0	−1·1	−1·7	−0·9	+2·6	−0·8	0
Sirsa	−2·8	−0·5	+3·6	+2·2	+2·7	+0·4	+0·8	0	+1·0	−1·0	+1·3	−0·1	+0·6
Chakrata	−2·3	−0·5	+4·1	+3·2	+1·4	+0·3	−0·6	+0·5	−1·3	−0·2	−2·6	+1·6	+0·3
Mussooree (Trigonometrical Survey Office)	?	?	?	?	?	?	?	?	?	?	?	+2·3	?
Dehra	−3·8	−1·5	+2·8	+2·0	+0·6	+0·6	−2·2	−1·5	−1·8	−1·8	−0·4	−0·7	−0·6
Roorkee	−2·5	−1·1	+2·7	+2·0	+1·2	+1·1	−1·0	−0·6	−1·9	−1·7	+1·0	−0·9	−0·1
Ranikhet	−3·4	−1·3	+2·3	+1·8	+0·6	+1·2	−0·7	+0·1	−1·8	−0·4	−1·4	+1·2	−0·2
Pithoragarh	−1·9	−0·4	+2·7	+3·1	+1·1	+2·8	+0·4	+0·8	−1·8	−3·4	−0·6	+0·5	+0·3
Meerut	−2·7	−0·7	+2·1	+1·8	+0·4	+0·3	−1·3	−1·3	−2·5	−1·8	0	−0·8	−0·5
Bareilly	−1·5	+0·3	+2·5	+2·4	+1·2	+2·8	−1·1	−0·6	−1·9	−0·9	+0·9	−0·8	+0·3
Agra	−2·1	0	+3·8	+2·9	+1·9	+1·7	−0·8	−0·9	−0·4	+0·7	+2·1	+0·1	+0·8
Lucknow	−2·3	−0·4	+1·2	+0·8	+0·6	+2·3	−2·4	−2·4	−2·3	−0·6	+0·5	−1·2	−0·5
Gorakhpur	−2·9	0	+1·1	+0·2	+1·2	+3·1	−0·8	0	−1·0	+0·7	0	−0·4	+0·1
Jhansi	−2·6	−0·9	+2·7	+3·4	+2·6	+1·9	−1·1	−2·7	−0·5	+0·5	0	0	+0·3
Allahabad	−3·4	+0·2	+1·3	+1·8	+2·1	+3·7	−1·8	−1·7	−1·6	−0·5	−0·2	−2·0	−0·1
Benares	−2·3	+0·3	+1·8	+1·3	+1·1	+2·0	−2·0	−2·0	−0·9	+0·1	+1·1	−0·9	−0·1

TABLE XII.—*Comparison of Monthly Mean Air Temperatures in 1883, with the Averages of Table XI*—continued.

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Ghazipur . . .	—0·7	+3·1	+3·2	+0·6	+1·8	+4·3	—1·1	—0·2	—0·8	+0·3	+1·7	—0·8	+1·1
Katmandu . . .	—0·4	+1·4	+1·2	+1·1	+0·7	+0·3	0	+1·1	+0·1	+0·2	—0·6	+0·2	+0·5
Sibsagar . . .	+0·5	+0·6	+1·3	—0·5	—0·4	—0·2	—0·4	+0·7	+0·5	+0·2	—0·6	+0·1	+0·2
Dhubri	0	+1·8	0	—0·7	—0·2	—0·3	—1·2	0	+1·2	+0·3	—0·3	—0·4	0
Silchar	—0·2	+0·1	+0·7	—3·0	—0·7	—1·3	+0·5	+0·5	+0·8	+0·9	+0·1	+1·0	—0·1
Darjeeling . . .	—1·5	—0·6	+1·8	—2·8	+1·1	+0·3	+0·2	+0·3	+0·9	+0·4	—0·4	?	?
Pedong	+0·3	+1·4	+1·1	+0·7	+1·0	+0·5	—0·2	+0·6	+0·2	+0·4	—0·1	+0·2	+0·5
Mongpoo . . .	—0·6	0	—0·8	—0·2	+1·2	+0·5	—0·2	+0·9	+0·6	+0·4	—0·6	0	+0·3
Purneah . . .	—1·6	+0·1	+1·6	—1·0	—0·9	+0·5	—1·3	—0·6	+0·1	+0·5	—1·6	—1·5	—0·5
Durbhunga . . .	—2·1	0	+0·9	—0·4	+0·4	+1·7	+0·2	+0·9	+0·3	+0·8	—1·0	—1·2	0
Patna	—1·3	+1·0	+2·2	+0·2	+1·2	+3·1	—0·9	—1·1	0	+1·7	+1·7	—0·2	+0·6
Gya	—2·4	+0·4	+2·0	—0·6	+0·6	+4·2	+0·3	—0·5	—0·4	0	+0·7	—1·7	+0·2
Hazaribagh . . .	—3·3	0	+3·1	+2·8	+3·4	+6·9	—1·0	—1·2	—0·4	+1·2	+1·0	—1·5	+0·9
Berhampore . . .	—1·8	—0·3	+0·5	—1·8	—1·5	+0·6	—1·1	—1·3	—0·4	—0·1	—0·9	—1·4	—0·7
Burdwan . . .	—2·1	—0·1	+0·5	—0·1	+0·6	+2·7	—1·4	—1·4	—0·5	—0·6	—0·1	—1·7	—0·4
Jessore . . .	0	—0·7	+0·9	+0·6	+1·0	+1·9	—0·2	—0·4	+0·6	+0·2	+0·2	—0·8	+0·1
Dacca	—0·9	—0·6	—0·1	—1·0	+0·4	+1·2	—0·5	—0·5	+0·4	+0·6	—0·4	+0·1	—0·1
Chittagong . . .	0	—0·8	—0·1	—1·3	+0·1	+1·2	—0·6	—0·7	+0·5	+0·2	+0·8	0	—0·1
Calcutta (Chowringhee) .	—2·0	+0·5	+1·2	0	+1·5	+2·9	+0·2	—0·3	+0·7	+0·1	+0·6	—1·3	+0·5
Do. (Alipore) .	—1·5	—0·1	+0·8	+0·3	+1·4	+3·3	+0·1	—0·1	+0·6	—0·4	+0·8	—1·0	+0·3
Saugor Island .	—2·0	—0·3	+0·1	+0·3	+1·2	+2·7	+0·9	—0·2	+0·8	+0·1	+0·7	—1·6	+0·2
Cuttack . . .	—0·2	+2·0	+2·2	+2·4	+3·3	+5·7	+1·1	—0·5	+1·4	+1·1	+1·0	—1·0	+1·6
False Point . . .	—1·9	+0·7	+0·3	—0·1	+1·4	+1·0	—0·3	—0·8	+0·8	—0·8	+0·9	—1·4	0
Sambalpur . . .	—1·1	+1·2	+0·6	+1·5	+1·4	+4·0	+0·7	—0·3	+0·7	—0·5	+1·6	—1·8	+0·7
Raipur	—1·4	+2·7	+3·0	+3·6	+1·3	+2·7	+0·1	—0·6	+1·0	+1·1	+2·7	—0·8	+1·4
Nagpur	—2·0	+0·5	+0·7	+2·3	0	—0·3	+0·6	+0·3	+1·2	+1·2	+2·2	—0·8	+0·5
Seoni	—2·3	+0·7	+0·8	+2·2	+0·5	+1·6	0	—1·0	+0·2	+1·5	+2·0	—1·0	+0·4
Jubbulpore . . .	—1·9	+1·1	+0·9	+1·6	+0·1	+2·0	—0·2	—1·1	+0·3	+0·1	+1·9	—2·1	+0·3
Saugor	—3·3	—0·1	+1·0	+1·7	+1·4	+2·6	+0·6	—1·2	—0·3	—0·3	—0·8	—1·5	—0·1
Pachmarhi . . .	—2·3	+0·1	0	+1·4	+0·7	+1·2	—0·2	—1·0	+0·5	+0·5	+2·3	—1·1	0
Hoshangabad . . .	—2·8	+0·8	+0·8	+0·4	—0·9	+1·1	—0·2	—1·2	+0·3	+0·7	+1·0	—2·2	—0·2
Khandwa . . .	—1·8	+2·1	+0·7	+1·1	—5·1	+1·7	+0·2	—0·7	+1·6	+0·9	+3·0	—0·2	+0·3
Chanda	—1·0	+1·2	+1·0	+2·7	+0·5	+0·8	—0·4	+0·1	+1·1	+0·5	+2·7	—1·1	+0·7
Sironcha . . .	—0·7	+0·3	+0·5	+1·6	—0·9	+2·5	—0·6	+0·1	+1·5	+0·6	+2·1	—0·9	+0·5

TABLE XII.—*Comparison of Monthly Mean Air Temperatures in 1888, with the Averages of Table XI*—continued.

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Chikalda . . .	−3·1	−0·4	+0·2	+0·8	0	+1·4	−0·3	−0·6	+1·3	+1·7	+1·2	+1·1	+0·2
Buldana . . .	−2·6	−0·2	+0·1	+1·4	+0·3	+1·1	−0·2	−0·8	+1·8	+0·8	+1·8	+0·8	+0·3
Akola . . .	−1·7	+0·9	−0·6	+1·0	−0·8	+2·0	+0·1	−0·4	+2·1	+1·2	+4·1	−0·3	+0·6
Amraoti . . .	−2·1	+0·9	+0·5	+1·1	−0·1	+0·4	−0·3	+0·4	+2·3	+1·6	+2·4	+0·2	+0·6
Makhla . . .	−2·5	+0·5	0	+0·5	+0·4	+2·8	+0·9	+0·3	+1·8	+2·0	+2·7	+1·5	+0·9
Neemuch . . .	−2·5	+0·6	+1·8	+1·4	+0·6	+3·0	+1·0	−1·6	+1·6	+0·5	0	+0·1	+0·6
Nowgong . . .	−2·7	0	+0·8	+0·2	−0·1	+0·9	−2·0	−3·4	−2·0	−0·7	+0·3	−1·5	−0·8
Sutna . . .	−2·8	−1·1	+1·9	+1·7	+1·6	+2·9	−1·5	−2·3	−0·9	+0·1	+1·5	−1·3	+0·2
Indore . . .	−2·4	+0·6	+0·9	+1·1	−0·1	+0·9	+0·5	−0·5	+1·2	−0·2	+1·8	−0·2	+0·3
Bickaneer . . .	−3·0	−0·9	+1·3	+0·7	−0·2	−0·8	+2·4	−0·7	+1·0	−0·8	+0·6	+0·9	+0·1
Jeypore . . .	−3·2	+0·5	+2·4	+0·8	+1·8	+2·1	+0·9	−2·2	0	−0·4	−0·8	−0·2	+0·1
Sambhar . . .	−4·0	0	+2·5	−0·5	−0·7	+1·1	+2·5	−2·0	+0·6	−1·5	−1·7	−1·8	+0·5
Ajmere . . .	−2·3	+1·8	+4·5	+2·7	+1·4	+2·3	+1·2	−1·8	−0·3	−1·2	−1·8	−0·8	+0·5
Mount Abu . . .	−4·1	−1·5	+0·9	+0·1	−0·8	+0·4	+0·3	−1·2	+0·9	+0·4	−1·2	+0·8	−0·5
Pachpadra . . .	−0·1	+2·8	+2·8	+1·3	−1·1	−0·6	+1·8	+0·5	+1·9	+1·3	+2·6	+1·8	+1·3
Jacobabad . . .	−2·3	+0·4	+3·4	+4·2	+1·0	+1·2	+1·7	+2·8	+0·5	+1·4	+1·9	+2·0	+1·5
Hyderabad . . .	−1·5	−0·1	+1·2	−0·2	−1·5	−1·5	−0·6	+0·9	−2·4	−1·2	−0·2	+1·9	−0·5
Kurrachee . . .	−2·3	−0·3	+1·6	+1·2	−0·9	−0·2	+0·1	−0·2	−0·8	+1·2	+1·3	+1·9	+0·1
Bhuj . . .	−0·3	+0·7	+2·0	+0·9	−0·1	+1·3	−0·4	−1·7	−0·2	+0·4	+0·4	+1·4	+0·3
Rajkot . . .	+0·7	+0·6	+1·9	+0·7	+0·1	+0·9	+0·4	−1·4	+1·4	+1·4	+1·3	+1·2	+0·8
Deesa . . .	−0·6	+1·0	+2·0	+1·1	+0·4	+1·3	+1·6	−0·1	+2·4	+1·8	−0·1	+1·5	+1·1
Surat . . .	?	+1·4	+1·9	+0·1	−0·6	+1·1	−0·2	−1·6	+0·6	−1·1	+0·2	−2·0	?
Malegaon . . .	−0·9	+1·0	+1·2	+0·6	+0·4	+0·2	+0·3	+0·6	+0·5	+2·5	+3·9	+1·8	+1·1
Bombay . . .	+1·3	+1·6	+1·8	+0·2	+0·1	−0·2	+0·2	−0·8	+1·7	+1·9	+1·6	+1·3	+0·9
Poona . . .	−0·5	+0·7	+0·9	+1·0	−0·6	+1·3	0	−0·3	+1·4	+1·8	+2·0	+1·0	+0·7
Sholapur . . .	−0·5	+0·5	+1·8	+1·5	−0·7	+1·2	−0·3	+1·3	+2·6	+2·9	+2·0	+0·3	+1·1
Ratnagiri . . .	−0·5	−0·1	+0·3	+0·1	+0·9	−0·5	+0·2	−0·1	+0·6	+2·0	+2·1	+1·5	+0·4
Belgaum . . .	−1·6	−0·6	−0·3	+0·4	−0·2	+0·1	−0·2	−0·5	+1·2	+1·8	+0·7	+0·3	+0·1
Karwar . . .	−0·8	−0·8	−0·9	+0·1	−1·9	−1·1	+0·4	−0·1	+1·1	+2·6	+1·8	+0·4	0
Gopalpur . . .	+0·9	+2·0	+1·0	+0·6	+0·7	+1·3	+1·0	−0·8	+1·2	0	+1·4	+3·4	+1·1
Vizagapatam . . .	+0·2	+1·5	+0·5	+0·7	+0·5	+2·2	+0·6	+1·1	+1·9	+1·6	+0·1	−0·1	+0·9
Rajahmundry . .	+0·1	+1·0	+1·1	+1·0	−0·4	+3·4	+1·3	+1·0	+1·0	+2·2	+0·4	−0·1	+1·1
Masulipatam . . .	−0·4	+0·2	0	+0·4	−1·9	+1·8	+0·2	+1·0	+1·9	+1·7	−0·4	−1·2	+0·2

TABLE XII.—*Comparison of Monthly Mean Air Temperatures in 1888, with the Averages of Table XI*—concluded.

Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Secunderabad . . .	−0·2	+0·5	+2·2	+1·8	−1·0	+2·0	+0·8	+1·1	+3·0	+2·5	+1·3	−0·8	+1·1
Kurnool . . .	−0·1	+0·2	+0·9	0	−3·9	+2·4	+1·8	+1·7	+2·3	+3·3	+1·4	+0·1	+0·9
Bellary	+0·6	−0·1	+0·7	+0·3	−3·0	+0·9	0	−0·1	+0·4	+1·2	0	−0·7	+0·1
Mangalore . . .	+0·8	+0·2	0	−0·1	−1·2	−0·9	+1·2	0	+0·9	+2·4	+0·9	+0·4	+0·4
Mercara . . .	−0·1	−0·3	+1·8	−1·0	−1·1	0	+0·7	0	+2·4	+2·3	?	?	?
Bangalore . . .	+0·2	+0·4	+0·6	−0·1	−0·5	+0·6	+0·8	+0·2	+0·8	+0·4	+0·6	0	+0·3
Cuddapah . . .	−0·1	+0·7	+0·3	+0·3	−0·1	+2·4	+0·1	+1·3	+0·9	+2·0	+1·8	−0·1	+0·8
Madras . . .	−0·9	−0·6	−0·9	−0·2	−1·7	−0·4	−1·4	−1·6	−0·6	−0·6	+0·3	−1·0	−0·8
Salem	−0·4	−0·4	+0·7	+1·3	−0·2	−0·1	+1·1	+0·6	+0·8	+0·2	?	?	?
Wellington . . .	−0·7	−0·4	−0·1	+1·7	+0·1	+3·1	+3·3	+2·8	+1·8	+1·2	+2·1	+1·4	+1·4
Coimbatore . . .	−0·6	?	?	?	?	?	?	?	?	?	?	?	?
Trichinopoly . . .	+0·4	+0·5	+0·5	+1·2	0	+0·8	+2·5	+2·9	+2·5	+1·2	+0·5	−1·3	+0·9
Negapatam . . .	−0·2	+0·2	−0·1	+1·1	−1·1	+0·8	+1·3	+1·6	+1·6	+0·9	+0·9	−0·5	+0·6
Madura	−0·3	−0·1	+0·5	+2·0	−0·6	+0·8	+1·4	+1·9	+0·5	+1·5	0	−1·2	+0·5
Cochin	+0·3	−0·1	+0·5	−0·3	−1·1	−0·7	+0·5	−0·6	+0·4	+0·7	−0·1	−0·3	−0.1
Colombo . . .	+0·3	+0·1	+0·2	−0·7	−0·8	−0·7	+0·8	0	0	+0·1	+0·5	−0·3	0
Jaffna	−0·2	+0·1	+0·6	0	−1·0	−0·9	−0·6	−0·8	−0·6	−0·7	−0·2	−1·4	−0·4
Trincomalee . . .	+0·6	+1·3	+1·6	+1·3	0	+1·2	+2·2	+2·3	+1·8	+2·3	+0·4	0	+1·2
Batticaloa . . .	−0·4	−0·9	−0·2	+0·4	−0·8	+0·7	0	+0·1	+0·7	−0·2	+0·1	−0·9	−0·2
Hambantota . . .	+0·2	−0·1	+0·5	0	0	−1·0	+0·1	+0·3	+0·7	+0·3	+0·7	−0·1	+0·1
Galle	+0·6	+0·2	+0·8	+0·5	−0·2	+0·1	+1·3	+0·2	+0·5	+0·3	+1·2	+0·5	+0·5
Kandy	+0·2	+0·7	+0·7	+0·7	−0·2	−0·4	+1·6	+0·1	+0·4	+1·1	+0·8	−1·3	+0·4
Newera Eliya . . .	−1·5	+0·6	−0·1	+0·6	−1·3	−2·0	+0·3	0	+0·7	+0·5	0	+2·2	+0·1
Akyab	+0·9	+0·7	+1·4	+1·3	+0·8	+0·3	0	−0·5	+1·1	+0·8	+2·0	+1·1	+0·9
Thayetmyo . . .	+2·0	+2·3	+0·2	+3·0	−0·2	+0·8	−0·2	−0·7	+0·8	−0·4	+0·8	+0·2	+0·8
Toungoo . . .	+0·9	+3·3	+2·8	+2·8	+2·4	−0·2	−0·5	−0·5	+1·2	−0·4	+0·4	−1·0	+1·2
Bassein	+2·0	+0·9	+0·7	+1·2	−0·4	−0·7	+0·2	+0·3	+0·8	+0·4	+0·7	+0·2	+0·3
Diamond Island . .	+0·4	−1·4	−1·3	−0·4	−0·8	−0·9	−0·6	−1·2	−0·8	−0·4	+0·2	−0·4	−0·7
Rangoon . . .	+0·4	+0·2	+0·9	+1·6	−0·1	−0·8	−0·6	−0·5	+1·3	−0·3	+1·3	+0·9	+0·3
Moulmein . . .	+0·2	−0·5	+0·5	+0·8	−0·4	−0·1	−0·6	−1·1	+1·4	−0·7	?	+2·0	?
Mergui	−2·6	−2·8	−1·2	+0·2	−1·3	−1·6	−1·3	−1·7	−0·9	−0·6	+0·1	−0·2	−1·3
Port Blair . . .	−0·6	−0·5	+0·3	+1·4	+0·4	−1·9	+0·5	+0·5	−0·2	+1·5	+1·1	+1·4	+0·3
Nancowry . . .	−0·4	−0·5	+0·1	−0·3	−0·9	−0·8	+1·5	+0·5	−1·0	0	−0·6	?	?

TABLE XIII.—*Geographical Summary of the differences of Table XII.*

Provinces.	Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
North-Western Himalaya	8	−1·2	−0·1	+3·0	+1·8	+0·9	−0·2	0	+0·3	−0·4	−0·8	−0·8	0	+0·2
Sikkim, Himalaya and Nepal.	2—3	−0·5	+0·7	+1·4	−0·3	+0·9	+0·4	0	+0·7	+0·4	+0·3	−0·4	+0·2	+0·3
Punjab Plains . .	8—9	−1·7	−0·4	+3·7	+1·7	+2·7	+0·5	+1·2	+0·3	+1·0	0	+2·1	+0·8	+1·0
Gangetic Plains . .	12	−2·4	−0·2	+2·0	+1·2	+0·9	+1·9	−1·3	−1·0	−1·2	−0·2	+0·3	−0·9	−0·1
Western Rajputana, Sind, Cutch and Guzerat.	8	−1·7	−0·1	+1·8	+1·1	−0·3	+0·3	+0·7	−0·2	+0·4	+0·6	+0·5	+1·5	+0·4
Eastern Rajputana and Central India.	9	−2·9	+0·2	+2·1	+1·4	+0·9	+2·0	+0·2	−2·0	−0·1	−0·4	−0·2	−0·8	0
Nerbudda Valley . .	3	−2·2	+1·3	+0·8	+1·0	−2·0	+1·6	−0·1	−1·0	+0·7	+0·6	+2·0	−1·5	+0·1
South Behar and Chutia Nagpur.	2	−2·9	+0·2	+2·6	+1·1	+2·0	+5·6	−0·4	−0·9	−0·4	+0·6	+0·9	−1·6	+0·6
Lower Bengal . .	6	−1·4	−0·4	+0·5	−0·3	+0·5	+2·1	−0·4	−0·7	+0·3	0	+0·1	−1·1	−0·1
Assam and Cachar . .	3	+0·1	+0·8	+0·7	−1·4	−0·4	−0·6	−0·4	+0·4	+0·8	+0·5	−0·3	+0·2	0
Orissa and Sambalpur .	4	−0·6	+1·5	+1·0	+1·1	+1·7	+3·0	+0·6	−0·6	+1·0	−0·1	+1·2	−0·2	+0·8
Central Provinces South, and Berar.	10	−1·9	+0·7	+0·6	+1·8	+0·2	+1·3	−0·1	−0·4	+1·3	+1·1	+2·4	−0·4	+0·6
Konkan	3—4	0	+0·5	+0·8	+0·1	−0·4	−0·2	+0·2	−0·7	+1·0	+1·4	+1·4	+0·3	+0·4
Malabar Coast . .	2	+0·6	+0·1	+0·3	−0·2	−1·2	−0·8	+0·9	−0·3	+0·7	+1·6	+0·4	+0·1	+0·2
Deccan, Hyderabad and Mysore.	8—9	−0·3	+0·3	+1·1	+0·5	−1·2	+1·0	+0·4	+0·4	+1·6	+2·1	+1·5	+0·3	+0·6
East Coast and Carnatic .	8—10	−0·2	+0·3	+0·3	+0·9	−0·6	+1·3	+0·8	+1·1	+1·2	+1·2	+0·5	−0·7	+0·5
Ceylon	7	+0·2	+0·2	+0·6	+0·3	−0·4	−0·1	+0·8	+0·3	+0·5	+0·5	+0·5	−0·5	+0·2
Arakan and Pegu . .	7	+0·9	+0·7	+0·7	+1·2	+0·3	0	−0·3	−0·5	+0·7	0	+0·9	+0·1	+0·4
Tenasserim . . .	1—2	−1·4	−1·7	−0·4	+0·5	−0·9	−0·9	−1·0	−1·4	+0·3	−0·7	+0·1	+0·9	−0·6
Bay Islands . . .	1—2	−0·5	−0·5	+0·2	+0·6	−0·3	−1·4	+1·0	+0·5	−0·6	+0·8	+0·3	+1·4	+0·1
Whole of Northern India .	...	−1·7	+0·2	+1·9	+0·9	+0·8	+1·5	−0·1	−0·4	+0·2	−0·2	+0·4	−0·3	+0·3
Whole of Southern India .	...	−0·3	+0·2	+0·5	+0·7	−0·3	+0·3	+0·3	−0·2	+0·8	+0·8	+0·9	0	+0·0

January.—Several cold-weather storms occurred during the month. They advanced generally along an easterly track further south than usual, and hence the snowfall in the Himalayas was less than might have been expected from the character of the weather in the plains. A heavy fall of snow occurred on the Suleiman range at the end of January, before which no snow had fallen. The winds were unusually light in East Afghanistan, and temperature considerably higher than in January 1887. In North Afghanistan heavy snow fell on the higher ranges, more especially on the 11th, 21st, 22nd, 25th, and 26th. Reports of the snowfall in the Kashmere and Punjab-Himalayas shew that the amount was much smaller than usual, and that the weather was very mild during the month. Very heavy snow fell in Kulu on the 22nd January and three following days. In consequence the passes were all closed from that date and the snow line brought down to 5,000 feet. According to the somewhat vague accounts of the hill-men of the Assam

Himalayas, the snowfall in that region was less than in January 1887 and not greater than usually occurs.

The mean temperature of the month was considerably below the average over nearly the whole of India in consequence of disturbed cloudy weather and frequent rain. The deficiency averaged 1·7° for extra-Tropical India, and was greatest in Behar and Chutia Nagpur (3·3°), Eastern Rajputana and Central India (2·9°), the North-Western Provinces (2·4°), Central Provinces (1·9°), the Punjab and Western Rajputana (1·7°), and Bengal (1·4°).

The variations of temperature were greatest along the area of most deficient pressure (*vide* pressure section) and in the districts immediately to the north, and were hence mainly determined by the distribution of rainfall accompanying the storms of the month which occurred in and to the north of that trough or belt of diminished pressure.

The only areas in which the temperature of the month was above the normal included Burma and Assam, Ceylon and Malabar, but the variations were generally small, and the mean temperature of Tropical India was, on the whole, 0·3° in defect.

It has been stated in previous reports that the cold-weather storms accompany and produce very large temporary changes of the temperature conditions of Northern India. Before each storm, temperature is above the average. A rapid reduction of temperature is caused by the storm in the area over which it passes. Hence each storm area is preceded by a wave of excessive temperature, and is followed by a wave of low temperature, and as these storms almost invariably advance eastwards across Northern India, these conditions or waves of high and low temperature appear to travel in the same direction. The reduction of temperature caused by these storms is greatest when they give heavy snowfall in the hill districts. As the only storm which gave heavy snow occurred in the last week of the month, the temperature changes due to the storms were smaller and less marked in January 1888 than they are occasionally in the cold-weather months.

The lowest temperatures in the Punjab were registered during a period of dry cold anticyclonic weather in the first week of the month. The following table gives the minimum temperatures in shade of the month and year at stations in the Punjab :—

Rawalpindi	26·9°	on the	5th
Dera Ismail Khan	30·0°	„	3rd to 6th.
Peshawar	30·9°	„	3rd.
Lahore	31·2°	„	2nd, 6th, and the 7th.
Sialkot	32·5°	„	7th.
Mooltan	34·4°	„	6th and 10th.
Sirsa	35·1°	„	2nd.
Ludhiana	35·3°	„	6th and 11th.

In the hill districts the coldest weather was experienced after the snow-storm of the 26th and 27th. The following were the lowest minimum temperatures registered after the snow-storm at the hill stations in Upper India :—

Quetta	15·3°	on the night of the	27th.
Simla	21·1°	„	27th.
Murree	23·5°	„	28th.
Mussooree	24·0°	„	29th.
Ranikhet	25·5°	„	29th.

February—Like the preceding month, was cooler than usual in Upper India, but to a less extent. This was chiefly due to the passage across Northern India of a succession of feeble cold-weather depressions which gave larger amounts of rain than the normal in Northern and Central India. Their tracks appear to have been determined by a belt of slightly deficient pressure, which stretched from Lower Sind and Kathiawar to Arakan and Upper Burma. These storms passed in their easterly course considerably further to the south than usual, and it was due probably to this that the snowfall in the hill districts was below the average. Light to moderate snow fell in the Afghan highlands, and weather was on the whole mild. In the Punjab and Kashmere frequent light showers were received in all districts, but the total amount was small, and there was much less snow on the higher elevations at the end of the month than in the corresponding period of 1887. In Kulu heavy rain fell in the last week of the month, which melted all the snow below 6,000 feet and terminated the winter in that valley.

In consequence of the absence of heavy and general snowfall in the hill districts during the month, there was no very cold period during the month, such as occasionally happens in Northern India. The showery weather of the first fortnight of the month was accompanied with comparatively cool weather. The lowest temperature in the plains was registered on the night of the 7th at Mooltan (33·4°). Frost regularly occurred at the hill stations during this period, the lowest minimum reported being 27·0° on the night of the 10th at Chakrata. Temperature increased very rapidly during the last half of the month over the whole of India. At the commencement of the month the highest day temperatures were experienced in the South Deccan and Southern India, the highest on the 1st being 92° at Salem. At the end of the month the highest temperatures were generally registered in the North Deccan. The highest temperatures recorded during the month were 99·7° registered on the 18th at Cuddapah, 99·2° on the 29th at Surat, and 99·0° on the 20th at Salem.

The mean temperature of the month differed little from the normal over the greater part of India. The variation averaged ·2° in excess in Tropical and also in extra-Tropical India. The only areas in which the variations were large were Orissa (+1·5°), the Nerbudda Valley (+1·3°), and Tenasserim (−1·7°). The following gives all stations at which the variation exceeded 2° :—

	Variation.		Variation.
Mooltan	−3·0°	Khandwa	+2·1°
Mergui	−2·8°	Pachpadra	+2·8°
Ghazipur	+3·1°	Thayetmyo	+2·3°
Raipur	+2·7°	Toungoo	+3·3°

March.—The month was one of rapid increase of temperature in Northern India. The increase was even more rapid than usual in consequence of the comparative absence of disturbed weather and the scanty and diminished rainfall in all districts except Assam, Behar, and Khandesh.

The weather was finer than usual in the hill districts of Northern India. No snow fell on the Afghan highlands. It was, however, stated in the snowfall report that the snowfall during the previous months on the Sufid Koh had been considerably heavier than usual, and that the snow was lying 15 to 20 feet deep on the highest ranges at the end of the month, and extended low down as far as the Peiwar Kotal. The snowfall in Ladakh did not exceed the average and in Lahoul was considerably below it, and weather

was fine and settled until the 24th, after which it was disturbed. Similarly in Kulu the weather was unusually clear and fine until the 26th, when moderate snow fell, but it speedily melted.

The area of maximum heat, on the whole, advanced steadily northwards during the month. At the beginning of the month Salem reported the highest maximum temperature. At the end of the first week, Lower Burma and the Bombay-Deccan became the hottest districts (the highest temperatures registered on the 7th being 102·7° at Thayetmyo, 100° at Rangoon, 98·7° at Tounghoo, and 97·7° at Sholapur).

On the 14th the Central Provinces became the hottest area (as judged by the maximum daily temperature), and from that date to the end of the month the area of greatest heat oscillated northwards and southwards over the Deccan, the Central Provinces and Berar, and at the end of the month the highest temperatures were registered at Sholapur (107·7°), Nagpur (106·7°), Cuddapah (106·7°), and Bellary (106·5°). A sudden rise of temperature occurred on the last two days of the month in Upper India, and maxima of 100° and upwards were registered as far north as Delhi and Sirsa on the 30th and 31st.

The mean temperature of the month was above the average in all districts except Tennasserim. The excess averaged 1·9° for Northern or extra-Tropical India and 0·5° for Southern or Tropical India. It was greatest for the Punjab (3·7°), Chutia Nagpur (3·1°), the North-Western Provinces, East Rajputana (2°), Western Rajputana, Sind and Kutch (1·8°), and the Deccan (1·1°), and was less than 1° in other divisions. The excess was almost as great in the North-West Himalayas as in the adjacent plains districts. The following gives the stations at which the excess was 4° or upwards:—

Plain Stations.	Excess.	Hill Stations.	Excess.
Dera Ismail Khan . .	4·5°	Simla	4·3°
Rawalpindi . . .	4·0°	Chakrata	4·1°
Lahore	4·4°		
Ludhiana	4·6°		
Ajmere	4·5°		

April.—The snowfall reports for this month are brief. No snow appears to have fallen in the Afghan highlands, and the snow in that area melted rapidly during the month. The higher elevations were still covered with snow at the end of the month. The weather was, on the other hand, very unsettled and stormy in some parts of the Punjab Himalayas, and much snow and rain fell. About 5 feet of snow fell in the Lahoul Valley between the 26th March and 1st of April, and on the neighbouring snow peaks from 10 to 15 feet of snow is estimated to have fallen. The hill-men in that district were hence unable to begin cultivating their fields for the season on account of the almost continuous rain and snowfall. In Kulu the weather was fine and clear, with the exception of two days only, on which light showers of snow fell. The snowfall hence appears to have been generally below the average; but there were local exceptions in Lahoul and Spiti, and perhaps the neighbouring districts, which during the last week of the month received almost continuous and abnormally heavy snowfall. It was, however, too local to produce any large permanent effect on the weather in Upper India.

Over the greater part of India, the weather was even hotter and drier than is usual in April. Thunderstorms, nor-westers, and dust-storms, which, in ordinary years, are of frequent occurrence, were less numerous than usual (although one or two in East Bengal and the North-Western Provinces were of exceptional violence), and the rainfall of the month was hence below the average in all districts, except Bengal and Assam.

The mean temperature of the month was hence above the average in all districts, except Bengal and Assam and the Malabar Coast districts. The excess averaged 0·9° in extra-Tropical India and 0·7° in Tropical India. It was greatest in Chutia Nagpur (2·8°) and the Central Provinces (1·8°). The following data show, even more clearly than the preceding statement, that the abnormal heat or increase of temperature was greatest in the belt of country stretching across the head of the Peninsula, from Upper Sind to Chutia Nagpur. The increase exceeded 2·5° at the following stations :—

Stations.		Stations.	
Jacobabad	4·2°	Raipur	3·6°
Ajmere	2·7°	Hazaribagh	2·8°
Agra	2·9°	Chanda	2·7°
Jhansi	3·4°	Thayetmyo	3·0°
		Toungoo	2·8°

The increased temperature was hence almost as marked in Central Burma as in Central India.

The deficiency of temperature in Assam and Bengal exceeded 2·0° at Silchar (3·0°) and Darjeeling (2·8°).

The weather was very settled between the 1st and 16th, and temperature increased very rapidly in Northern India. Unusually strong winds set in after that date at the head of the Bay, and brought up much cloud, and gave thunder showers almost daily, in North-Eastern India from the 17th to the end of the month. During this interval temperature continued to increase steadily and rapidly in Upper India and decreased slightly in North-Eastern India. Maximum temperatures exceeding 105° were registered during the month over the whole of the North-Western Provinces, Central India, the Central Provinces, and Deccan. Maximum temperatures exceeding 110° were registered at the following stations during the month :—

Stations.	Highest maximum temperature registered during month.	Date.
Sirsa	110·5	17th.
Jhansi	111·0	18th.
Allahabad	110·8	18th.
Benares	110·1	18th.
Cuttack	110·4	18th.
Sambalpur	111·0	29th.
Raipur	110·6	18th.
Nagpur	111·2	17th.
Chanda	112·7	28th.
Sironcha	112·4	28th.
Akola	110·2	17th.
Pachpadra	110·3	26th.
Jacobabad	113·6	17th.
Cuddapah	111·3	29th & 30th.

The area of greatest heat oscillated northwards and southwards over the Deccan and Central Provinces from the 1st until the middle of the month. During this interval temperature increased very rapidly in Behar, the North-Western Provinces, Rajputana and Sind, and on the 16th as high temperatures were observed in these areas as in the Deccan. The hottest areas on the 19th and for some days afterwards were the Central Provinces, the eastern districts of the North-Western Provinces and Upper Sind. During the remainder of the month the area of greatest heat oscillated between the North-Western Provinces, Rajputana, Upper Sind, the Central Provinces and Central Madras. On the 30th of the month the highest temperatures were recorded at Deesa. (111·5°), Cuddappah (111·3°), Jhansi (110·5°), and Nagpur (110·2°).

May.—The weather was unusually disturbed over the whole of Northern India in the first week of the month. In the North-Western Provinces and East Punjab, numerous thunderstorms and hailstorms occurred, and the hail in many cases was exceptionally large and heavy. The weather was even more stormy in the hills of Upper India. This disturbed weather extended as far north amongst the hills as Leh. Snow fell in the Upper Indus Valley and the neighbouring hills on the 3rd. An extraordinary amount of snow was reported to have fallen on the ranges to the south of Ladakh and communication with Kashmere was suspended for some time. In the Kulu Valley, numerous thunder showers occurred during this period, and snow fell on the higher elevations. Notwithstanding this abnormal snowfall, the depth of snow at the end of the month over the whole of the North-Western Himalayas was almost certainly less than at the same period during the previous five or six years, and the depth of water in the snow-fed rivers of Upper India (more especially the Indus and Sutlej) much less than usual.

The total snowfall of the preceding five months in the Eastern Himalayas was, so far as can be judged from the meagre accounts received, about normal in amount.

During the first week of the month, weather was very unsettled over the whole of Northern and Central India, and numerous dust and thunderstorms occurred, which gave fairly general rain. It hence formed a period of unusually cool weather to the whole of Northern India. The maximum temperatures of the 4th and 5th in the Punjab were from 20° to 30° below the normal, and in Rajputana, Central India and the western districts of the North-Western Provinces from 16° to 20° below it. After this cool period temperature increased steadily until the 16th, when it decreased slightly until the 19th. It again increased steadily and somewhat rapidly until the 27th and 28th, when the highest temperatures of the year were recorded in Northern India. The following table gives the maximum temperatures of the month at several stations in Upper India, which were also the highest temperatures of the year at these stations :—

Stations.	Highest maximum temperature of month and year.	Date of occurrence.
Jacobabad	123·0°	27th May.
Sirsa	118·3°	27th May.
Dera Ismail Khan	117·5°	27th & 28th May.
Jhansi	117·5°	27th May.
Mooltan	116·6°	26th, 27th and 28th May.

Stations.	Highest maximum temperature of month and year.	Date of occurrence.
Hyderabad	116·6°	19th May.
Pachpadra	116·3°	15th May.
Agra	116·3°	24th May.
Ludhiana	116·2°	16th May.
Sialkot	115·9°	22nd May.
Hoshangabad	115·6°	24th May.
Deesa	115·6°	15th May.
Lahore	115·4°	27th May.
Bikaneer	115·3°	29th May.

At several of these stations the maximum temperature of the year occurred on exactly the same day and month as in the year 1887—an example of the regularity from year to year of many of the chief features of the weather in India. The hottest days of the year in the North-Western Provinces (considered as a whole) were the 22nd and 23rd, in the Central Provinces the 24th and 25th, in Central India the 26th and 27th, in Rajputana the 27th, in Sind the 28th, and in the Punjab the 27th to 30th. The period from the 22nd to the 30th of May was hence the culminating period of the hot weather of 1888 in Upper and Central India.

The following table illustrates the larger oscillations of temperature during the month in Northern India:—

Stations.	Maximum Temperatures recorded on					
	4th.	5th.	16th.	17th.	23rd.	31st.
Peshawar	82°	88°	103°	94°	111°	108°
Rawalpindi	79°	87°	107°	92°	113°	104°
Lahore	87°	90°	112°	105°	116°	104°
Sirsa	93°	94°	114°	109°	118°	94°
Jeypore	93°	95°	109°	107°	113°	107°
Mooltan	90°	94°	112°	110°	117°	108°
Jacobabad	97°	100°	116°	111°	123°	117°
Jhansi	99°	101°	113°	110°	118°	112°
Agra	95°	98°	113°	110°	116°	108°
Roorkee	91°	93°	112°	106°	110°	101°
Pachpadra	99°	100°	109°	105°	111°	107°
Allahabad	103°	105°	113°	108°	110°	103°
Nagpur	107°	105°	110°	109°	113°	111°
Patna	107°	105°	102°	97°	98°	89°

The mean temperature of the month was below the average in Southern India. The variations were generally small and of little importance, and only exceeded 2·0° at Bellary (—3·0°), and Kurnool (—3·9°).

The mean temperature of the month was above the average over the whole of Northern India. The excess was most marked and greatest in Chutia Nagpur (3·4°), the Punjab (2·7°), and Orissa (1·7°). The variations exceeded 3·0° at the following stations :—

Hazaribagh	3·4°
Cuttack	3·3°
Ludhiana	4·2°
Peshawar	3·7°

The following table (similar to that given on page 56 of the Report for 1887) gives the highest temperature in the shade observed in India during the past 13 years :—

Year.	Station.	Maximum temperature.	Month.
1876	Sialkot	120°	June.
1877	Jacobabad	118·9°	„
1878	Agra	120·3°	„
1879	Jacobabad	120·7°	„
1880	Lahore	119·5°	„
1881	Pachpadra	122·3°	May.
1882	Ditto	119·5°	„
1883	Dera Ismail Khan	121·5°	June.
1884	Jacobabad	120·8°	„
1885	Ditto	116·9°	July.
1886	Pachpadra	123·1°	May.
1887	Jacobabad	122·4°	„
1888	Ditto	123·0°	„

During the first week the area of greatest heat occupied the Deccan. It was rapidly transferred northwards during the second week of the month, and on the 11th the highest temperatures were registered in Upper Sind, the South Punjab, and at Jhansi. During the remainder of the month, Upper Sind, the Punjab and Rajputana formed the area of maximum temperature, and it was in that area that the great majority of the temperatures recorded in the table in pages 33-4 were registered.

June.—The temperature conditions of this month were very unusual. The first burst of the monsoon or advance of southerly humid winds commenced earlier than usual on the Bombay, as well as on the Bengal coast. During the first ten days of the month, rain fell in largish amounts along the west coast and in Lower Burma, and frequent showers were received in the Central Provinces and Upper Burma. In Bengal and Assam there was general but light rain, and in Upper India frequent local showers. The indraught from the Bay of Bengal ceased temporarily on the 11th. Calms and variable winds prevailed over Northern India on the 12th, and on the 13th north-west or west winds characteristic of hot weather conditions recommenced and continued to blow down

the Gangetic plain until the 28th. The rainfall ceased in the Central Provinces during the same period, and was small in amount in the west coast districts. This period from the 11th to the 26th was hence one of great and abnormal heat. It was especially trying in Bengal, as it was also a period of great humidity and of very light winds or calms. As the southerly winds, which usually temper the heat in Bengal during the hot weather, were suspended in consequence of the abnormal conditions in the Bay, the temperature in Lower Bengal and Orissa, on the 13th and 14th, was higher than has ever been recorded in June. The area of excessive temperature advanced westwards, and Allahabad, Agra, Delhi, Lahore, and finally Peshawar, experienced in turn a brief period of excessive heat and very sultry weather.

The weather conditions began to change on the 26th. The Bombay monsoon current strengthened rapidly from that date and extended quickly over the whole of Upper and Central India, and moderate southerly humid winds from the Bay advanced into Bengal.

The chief feature of the temperature conditions of the month was hence the abnormally hot period extending from the 12th to the 26th. It was most severe in Bengal and to a less extent in Behar, the North-Western Provinces, and the Punjab.

As already pointed out, the excessive heat gradually extended westwards. This is shown by the following data :—

Stations.	Highest maximum temperature during month.	Date of Occurrence.	Highest temperature previously recorded in month of June during the period 1878–87.
Calcutta	106·6°	14th June	101·7° in 1879
Burdwan	108·0°	20th „	108·2 in 1879
Hazaribagh . . .	108·1°	21st „	108·5 in 1878
Patna	111·6°	20th „	114·4 in 1878
Gya	113·6°	21st „	113·2 in 1879
Lucknow	112·3°	21st & 23rd to 25th June	117·3 in 1879
Agra	115·6°	21st June	120·3 in 1878
Jhansi	114·5°	21st „	114·0 in 1883
Roorkee	112·4°	22nd „	115·5 in 1878
Delhi	114·0°	23rd & 25th June	117·6 in 1878
Lahore	113·4°	24th „	119·5 in 1880
Sialkot	115·9°	26th „	118·5 in 1880
Peshawar	118·0°	27th „	119·0 in 1880

The following remarks respecting this hot period are taken from the Bengal Meteorological Report for the month of June :—

"For the first week in the month the temperatures recorded were not very far removed from the normal, but in the second week temperature commenced to rise, and a period of unusual heat set in. The temperature generally was highest on Thursday, the 14th, and the mean temperature of the 24 hours from 10 A. M. of the 14th to 10 A. M. of the 15th was above the normal of the day by the following amounts—at Balasore 16·1°, at Midnapore 13·9°, at Calcutta 10·5°, and at Burdwan 10·1°. The maximum temperature recorded at the Alipore Observatory (Calcutta) on the 14th was 106·6°. The

highest previously recorded temperature since the establishment of the observatory in 1877 is 105·6° (observed on April 14, 1884), the next highest is 105·5° on April 15, 1885, so that the temperature on the 14th June 1888 was certainly 1·2° higher than any previously experienced in Calcutta, of which there are thoroughly reliable records, or rather records comparable with those made at the present time. A higher temperature than this even was recorded on this day, the 14th of June 1888, at the Chowringhee Observatory, when the maximum thermometer indicated no less than 107·2°. The temperatures at the Chowringhee Observatory may perhaps be fairly accurately compared with the records of temperature which were formerly taken at the Surveyor-General's Office, and so far as can be ascertained, the highest temperature previously recorded, either at the Chowringhee Observatory or at the Surveyor General's Office as far back as 1854, was 106°. Therefore both the records at the Alipore and Chowringhee Observatories prove that the temperature on the 14th June in Calcutta was about 1·2° higher than any previous temperature recorded by means of accurate instruments. Very high maximum temperatures were also registered at other stations on the 14th. Thus Dehree registered 114·5°, Gya 113·6°, Balasore 113°, and Midnapore 112·4°, and several other stations temperatures above 110°. The unusual heat is also shown by the fact that the mean temperature for the second week of June was 4° in excess of the normal in Chutia Nagpur, Orissa, and South-West Bengal, and about 2° above it in East Bengal and South Behar.

"The conditions of excessive temperature were even more strongly marked in the third week, and during this period the average mean temperature in Chutia Nagpore was no less than 13·2° in excess of the normal temperature, in South Behar the excess equalled 10°, in South-West Bengal 7·7°, and in Orissa 6·2°. In the fourth week again Chutia Nagpur showed an excess of 10·2°, South Behar one of 7·9°, and South-West Bengal 5°. The mean temperature of the whole month was nearly 9° in excess of the normal in Chutia Nagpur, and about 5° above it in Orissa, South-West Bengal, and South Behar. In East Bengal temperature was also in excess, but by only 1·8°, and in North Bengal and North Behar temperature was almost normal. In Assam, on the other hand, the mean temperature for the month was slightly below the normal."

The temperature conditions of this period are perhaps best indicated by the following data, which differ to some extent from those given in the preceding paragraph, as they are based on the returns of the imperial observatories only, and do not include those of the Bengal provincial stations established some years ago:—

Province.	Week ending 8th June.					Week ending 15th June.					Week ending 22nd June.					Week ending 29th June.				
	Mean maximum.	Variation.	Mean minimum.	Variation.	Mean variation.	Mean maximum.	Variation.	Mean minimum.	Variation.	Mean variation.	Mean maximum.	Variation.	Mean minimum.	Variation.	Mean variation.	Mean maximum.	Variation.	Mean minimum	Variation.	Mean variation.
Bengal . .	94·2	+1·1	78·1	−0·9	+0·1	96·5	+4·2	80·9	+1·3	+2·8	97·8	+ 6·8	81·9	+2·7	+ 4·8	94·3	+ 4·4	81·1	+1·8	+ 3·1
Behar . .	94·6	−4·5	76·2	−1·9	−3·2	99·3	+1·3	79·1	−0·8	+0·3	103·9	+ 9·8	80·4	+1·6	+ 5·7	99·1	+ 7·0	79·4	+0·7	+ 3·9
Chutia Nagpur .	98·4	+0·8	76·1	−0·2	+0·3	99·5	+4·3	80·0	+3·0	+3·7	105·1	+13·9	83·9	+7·8	+10·9	102·1	+13·8	81·0	+6·1	+10·0
North-Western Provinces .	100·7	−4·8	79·6	−1·7	−3·3	106·6	+1·9	81·2	−2·1	−0·1	109·7	+ 8·2	84·8	+2·4	+ 5·3	105·9	+ 8·4	85·9	+5·0	+ 6·7
Punjab . .	100·4	−5·1	77·1	−1·0	−3·1	103·6	−3·3	76·8	−3·5	−3·4	108·8	+ 2·5	80·3	−0·5	+ 1·0	111·8	+ 7·3	84·5	+3·7	+ 5·5
Rajputana .	103·1	−0·9	80·1	−0·1	−0·5	106·2	+3·2	81·3	−0·5	+1·4	105·0	+ 4·1	80·6	0	+ 2·1	101·0	+ 1·6	80·5	+0·9	+ 1·3
Central India .	101·5	−1·7	80·3	−0·1	−0·9	103·1	+2·5	79·0	−1·2	+0·7	103·6	+ 5·8	81·2	+2·4	+ 2·4	100·3	+ 6·7	81·0	+3·9	+ 5·3

The average temperature of the month was in excess over the whole of India except Assam, Malabar, Konkan, Ceylon, and Burma. The excess averaged 6·9° in Chutia

Nagpur, 3° in Orissa, 2° in Bengal, the North-Western Provinces, Central India, and East Rajputana.

The more noteworthy variations (exceeding 3°) were—

Hazaribagh	6·9° in excess.
Cuttack	5·7°
Ghazipur	4·3°
Gya	4·2°
Sambalpore	4·0°
Allahabad	3·7°
Calcutta	3·3°
Patna	3·1°
Gorakhpur	3·1°

July.—Both branches of the monsoon current blew strongly and steadily throughout the month. The rainfall was deficient to a moderate extent in the Deccan and Central Provinces and scanty in Kathiawar, Guzerat, Khandeish, and West Rajputana, as well as in Orissa and North Madras (Ganjam and the Circars). The temperature variations were, as is usually the case in July, small in amount, and were directly related to the rainfall distribution of the month. The mean temperature of the month was below the normal in the North-Western Provinces, Behar, Chutia Nagpur, Bengal, Assam, and Burma. The deficiency was greatest in the North-Western Provinces (1·3°), Behar and Chutia Nagpur (1·0°), and Burma (0·7°), and equalled or exceeded 2° at the following stations :—

Dehra	2·2°
Lucknow	2·4°
Benares	2·0°
Nowgong	2·0°

and was due to larger rainfall than usual in these districts.

The mean temperature of the month was above the normal in the Punjab, Rajputana, Central India, and the Peninsula. The increase was greatest and most marked in Upper India, to which the monsoon current only penetrated at occasional brief intervals. The excess averaged 1·2° in the Punjab, and 0·5° in Rajputana, and was largest in amount at the following stations :—

		Temperature Excess.
Punjab	Mooltan	2·6°
	Dera Ismail Khan	3·4°
	Peshawar	2·2°
Rajputana	Sambhar	2·5°
	Bickaneer	2·4°
	Pachpadra	1·8°
Southern India	Trichinopoly	2·5°
	Wellington	3·3°
	Kurnool	1·8°
Sind	Jacobabad	1·7°

This table shews that the Indus Valley, Central and West Rajputana and South Madras, were the areas of greatest increase of temperature. In consequence of the partial distribution of the rainfall of the month in Upper India, high maximum temperatures continued to be registered in the West Punjab, West Rajputana and Sind, and day temperatures of 110° and upwards were frequently registered in these districts. The following

gives the highest maximum temperatures recorded during the month at stations in those areas :—

Stations.	Highest maximum temperatures during month.	Date of Occurrence.
Jacobabad	118·0°	8th July.
Dera Ismail Khan	117·5°	9th ,,
Peshawar	114·0°	9th ,,
Mooltan	111·6°	8th to 10th ,,
Sirsa	112·2°	9th ,,
Lahore	111·1°	9th ,,
Rawalpindi	110·4°	8th ,,
Sialkot	110·1°	18th ,,
Bickaneer	111·0°	8th ,,
Sambhar	109·0°	7th ,,
Pachpadra	106·1°	7th ,,

August.—The Bengal current blew strongly during the month. The Bombay current also blew steadily, but was, judged by the distribution of the rainfall, somewhat weaker than the normal. Under the influence of the two currents, the greater part of the country received abundant or excessive rainfall. The areas of most excessive precipitation comprised Behar, Bengal, Central India, the eastern and southern districts of the North-Western Provinces, and Rajputana. The rainfall was deficient in some parts of Western India and the Peninsula, and more especially in Khandeish, Berars, and Guzerat, but even in these districts the deficiency was not large. Hence the weather was cooler than usual in almost all districts. The mean temperature of the month was slightly above the average in the Punjab, Assam, the Deccan, and Carnatic. The positive variations from the normal exceeded 2° at Mooltan (2·7°), Dera Ismail Khan (2·6°), Jacobabad (2·8°), Wellington (2·8°), Trichinopoly (2·9°), and hence the only districts in which the temperature was considerably in excess of the normal were the Indus Valley and South Madras.

The mean temperature of the month was considerably in defect in the areas of heaviest and most excessive rainfall. The deficiency, which was nowhere very large, averaged 2° for East Rajputana, 1·2° in Chutia Nagpur, and 1° in the North-Western Provinces, and equalled or exceeded 2° at the following stations :—

Lucknow	2·4°	Sutna	2·3°
Jhansi	2·7°	Jeypore	2·2°
Nowgong	3·4°	Sambhar	2·0°
Benares	2·0°		

All these stations were centres of heavy rainfall during the month.

High maximum temperatures were regtered in North-Western India during the first week of the month. The highest were 113·5° at Dera Ismail Khan, and 112·6° at Jacobabad on the 3rd. Temperature decreased in the North-West frontier districts after that date, and was moderate until the 22nd, when a further considerable reduction occurred and the air was unusually cool during the last week of the month.

September.—The Bombay current retreated from Upper India in the first week of the month much earlier than usual. The Bengal current gave moderately heavy rain until the 20th, but it was chiefly precipitated over the tracks of two storms which occurred during the first three weeks of the month, and was hence very irregularly distributed. After this, fine clear weather set in over the whole of Northern and Central India, and continued during the last ten days of the month. In consequence of the early retreat of both monsoon currents from Upper and Central India, the mean temperature of the month was above the average, except in the North-Western Provinces, Behar, and Chutia Nagpur. The excess was greatest in the Deccan and Hyderabad, for which it averaged 1·6°, the Central Provinces (1·3°), the Carnatic (1·2°) and Orissa, Konkan, and the Punjab, for which it was 1°. It was greater than 2° at the following stations :—

Deesa	2·4°	Sholapur	2·6°
Dera Ismail Khan	2·3°	Secunderabad	3·0°
Amraoti	2·3°	Kurnool	2·3°
Akola	2·1°	Mercara	2·4°
Trichinopoly	2·5°		

The temperature was deficient in the area of heaviest rainfall throughout the south-west monsoon, including East Rajputana, the North-Western Provinces, and Behar, a portion of which included the track of the second storm of the month, and received excessive rainfall. The deficiency was most marked at Meerut (2·5°), Lucknow (2·3°), Nowgong (2·0°), and Roorkee (1·9°).

The variations were hence in no case large, and their character indicated comparatively small variations of the meteorological conditions from the normal.

October.—The weather was unusually fine and free from disturbance during the month. A feeble disturbance advanced from the centre of the Bay into Bengal in the first week of the month, and gave moderate rain to East Bengal. Fine clear weather then set in with northerly winds, and no rain fell in Northern India during the remainder of the month. Notwithstanding the early retreat of the monsoon current, the so-called north-east monsoon did not set in over the Coromandel coast districts until the beginning of the fourth week of the month. It first of all gave squally weather in the south-west of the Bay with moderate rain to the Madras coast districts and Carnatic. Afterwards a storm formed in the south of the Bay, and the centre crossed the Coromandel coast on the night of the 31st. The early retreat of the monsoon current from Bengal and the setting in of land winds over the whole of Northern India after the heavy rainfall of the previous three months, gave somewhat cooler weather than usual over the greater part of Northern India. The variations were however small, in no case exceeding 2° in the plains. Temperature was considerably above the normal over the whole of the Peninsula. The increase was greatest in the Deccan, for which it averaged 2·1° and the coast of Malabar and the Konkan, where it was 1·5°. It exceeded 2° at the following stations :—

Malegaon	2·5°	Kurnool	3·3°
Sholapur	2·9°	Mangalore	2·4°
Karwar	2·6°	Mercara	2·3°
Secunderabad	2·5°	Rajahmundry	2·2°

November.—The weather was somewhat more disturbed than usual in the month, and larger amounts of rain than usual were received in all districts. A feeble cold weather

disturbance on the 20th and 21st of the month gave an unusually early fall of snow in the hill districts of Upper India. Apparently in consequence of the large amount of cloud, the mean daily temperature did not fall so rapidly as usual, and the mean temperature of the month was hence very generally above the average. The mean of the month was 2·4° above the average in the Central Provinces, 2·1° above it in the Punjab plains, and 1·5° above it in the Deccan and Hyderabad. The mean variation for Tropical or Southern India was +0·9° and for extra-Tropical or Northern India +0·4°.

The following table gives the largest local variations :—

Dera Ismail Khan . .	+3·0°	Khandwa . . .	+3·0°
Peshawar . . .	+2·7°	Chanda . . .	+2·7°
Rawalpindi . . .	+2·6°	Sironcha . . .	+2·1°
Sialkot	+2·4°	Akola	+4·1°
Delhi	+2·6°	Amraoti . . .	+2·4°
Agra	+2·1°	Pachpadra . . .	+2·6°
Raipur	+2·7°	Malagaon . . .	+3·9°
Nagpur	+2·2°	Ratnagiri . . .	+2·1°

The variations were hence larger than during the preceding four months.

December.—The north-east monsoon rains ceased about the 16th, slightly earlier than usual, in Southern India, and were somewhat deficient in quantity. The weather was unusually fine and clear in Northern India. Two or three very shallow depressions appeared in Upper India during the latter part of the month. Although they brought up cloud, they failed to give rain in the plains. Light rain or snow showers occurred in the hills, but even there the weather was finer and drier than usual.

Temperature was on the average 0·3° below the mean in Northern India, and was identical with the normal in Tropical India. The variations were small over the greater part of the country. In West Rajputana the mean temperature of the month was 1·5° in excess, in Chutia Nagpur 1·5° in defect, and in Lower Bengal 1° in defect. The following gives all the cases in which the variations equalled or exceeded 2° :—

Jubbulpore . .	2·1° in defect	Jacobabad .	2° in excess.
Hoshangabad .	2·2° „	Gopalpur . .	3·4° „
		Moulmein . .	2° „

Year.—The variations of temperature in India from the normal during the year 1888 were slightly larger and more marked than during the previous two years. The cold-weather snowfall was, on the whole, probably considerably below the average over nearly the whole of the North-Western Himalayas, and was received chiefly in January and the beginning of March. The weather in January was more disturbed and rainy than usual, and temperature was on the average nearly 2° below the normal in Northern or extra-Tropical India, and was practically normal in Tropical India. The absence of heavy snowfall in the hill districts, such as frequently occurs during the more severe cold-weather storms, is confirmed by the fact that the first week of the month of January (a period of ordinary cold-weather anticyclonic conditions) was the coldest period of the year in Upper India. Temperature was on the average almost identical with the normal in February. It increased more rapidly than usual in March, and was 1·9° above the normal in that month in extra-Tropical India, and 0·5° above it in Tropical India. The weather was, on the whole, less disturbed by series of duststorms and thunderstorms than usual during the

three hot-weather months of March, April, and May, but some of the storms were of exceptional violence. Temperature was hence above the average over the whole of Northern India (except Assam which received frequent rain). The mean temperature of April was 0·9° in excess in extra-Tropical India and 0·7° in Tropical India. The south-west monsoon rains commenced at least a week earlier than usual in Southern India. This reduced the mean temperature of Tropical India in May slightly below the average (0·3°), whilst it continued above the normal in Northern India (0·8°).

Temperature hence increased, on the whole, more steadily than usual. The following table gives the average mean maximum and minimum temperatures of the Punjab for the periods assigned :—

	Mean maximum temperature.	Mean minimum temperature.	Mean daily temperature.	Progressive change.
January, first week . . .	68·9	34·8	51·9	...
February „ „ . . .	63·7	43·9	53·8	+ 1·9
March „ „ . . .	87·2	56·4	71·8	+18·0
April „ „ . . .	89·8	59·1	74·5	+ 2·7
May „ „ . . .	93·4	67·3	80·4	+ 5·9
May 28th	113·9	82·9	98·4	+18·0

The gradual diminution of temperature in Upper India during the remainder of 1888 is shown by the data of the table :—

	Mean maximum.	Mean minimum.	Mean daily.	Progressive change.
June, first week . . .	100·4	77·1	88·8	...
July, „ „ . . .	104·2	80·6	92·4	+3·6
August „ „ . . .	99·0	80·7	89·9	—2·5
September „ „ . . .	89·5	74·6	82·1	—7·8
October „ „ . . .	90·6	63·8	77·2	—4·9
November „ „ . . .	87·3	55·0	71·2	—6·0
December „ „ . . .	71·2	40·7	56·0	—15·2

The coldest day of the winter of 1887-88 in Upper India was the 3rd of January. The mean maximum temperature of that day in the Punjab was 68·6°, and the minimum temperature of the succeeding night was 33·5°. Hence the mean temperature of that day was 51°, and the average range of temperature 35·1°.

At the same period, the average daily temperature of the centre and south of the Arabian Sea and Bay of Bengal is 81°and the range 2·8°. Hence the mean temperature of the Punjab on the 3rd January was 30° lower than that of the open sea areas to the south, and the range of temperature twelve times as great.

From that date, temperature increased more or less steadily until the 28th May, when the highest temperatures of the year in Upper India were registered.

The following gives data of the temperature of the Punjab, and also of Jacobabad and Pachpadra, two stations representative of Upper Sind and of Rajputana for this hottest period :—

	Punjab.		
	Maximum.	Minimum.	Mean.
May 26th	112·2°	76·2°	94·2°
„ 27th	113·7°	79·6°	96·7°
„ 28th	115·0°	83·5°	99·2°
„ 29th	113·4°	83·0°	98·2°

	Jacobabad.			Pachpadra.		
	Maximum.	Minimum.	Mean.	Maximum.	Minimum.	Mean.
May 26th	119·5°	74·2°	96·9°	115·9°	82·1°	99·0°
„ 27th	122·0°	78·7°	100·3°	109·5°	80·6°	95·1°
„ 28th	123·0°	82·6°	102·8°	110·5°	79·7°	95·1°
„ 29th	121·0°	81·2°	101·1°	113·0°	79·5°	96·3°

A reference to the table giving corresponding data for the hottest period of 1887 (page 62) in the Meteorological Report of that year will show that, although the maximum temperatures at the hottest period of the two years 1887 and 1888 were almost identical, the mean temperature of the day was from 4° to 5° higher in 1888 in consequence of increased night temperature.

The mean temperature of the air in the sea area between India and the Equator, *i.e.*, the Arabian Sea and Bay of Bengal, in the month of May is 83° and the daily range of temperature 3·7°. Hence the mean temperature of Upper India at the hottest period of May 1888 immediately antecedent to the first great and general advance of monsoon winds was 17° hotter than that of the sea area to the south of India, and the daily range of temperature from eight to twelve times as great. The maximum difference between the mean temperature of Upper India and of the Indian seas at the commencement of the south-west monsoon was only about half of that which obtained at the coolest period in January 1888.

During the rains the variations of temperature were as usual small, and dependent upon the variations in the distribution of rainfall. The south-west monsoon rains ceased unusually early in September over Upper India and the north-east monsoon rains commenced nearly a fortnight later than usual on the Coromandal coast. Hence the months of September and October were warmer than usual over the whole of India, but the variations were nowhere large, and were fairly uniform over the whole country.

Abundant rain fell in Southern India in November and unusual rain was given to Northern India by the passage of a depression across it during the second week of the month. This reduced temperature nearly to the normal conditions, and the variations in that month and December were hence small.

The mean temperature of the whole of India was—

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Number of stations .	127	127	127	127	127	127	127	127	126	127	124	124	127
Mean	−1·1	+0·2	+1·4	+0·9	+0·3	+1·0	+0·2	−0·2	+0·5	+0·4	+0·8	−0·1	+0·4

and the progressive variation of the mean annual temperature during the last 14 years is shown in the following table:—

	1875.	1876.	1877.	1878.	1879.	1880.	1881.	1882.	1883.	1884.	1885.	1886.	1887.	1888.
Number of stations	72	72	74	74	70	106	110	113	122	122	118	122	126	127
Mean anomaly .	−0·29	−0·08	+0·17	+0·62	−0·13	+0·13	−0·01	−0·11	−0·48	−0·61	−0·29	+0·08	−0·23	+0·36
Progressive variation . . .	...	+0·21	+0·25	+0·45	−0·75	+0·26	−0·14	−0·10	−0·37	−0·13	+0·32	+0·37	−0·31	+0·59

ATMOSPHERIC PRESSURE.

With the exceptions noted below,[1] all the barometers are mercurial barometers on Fortin's principle. They have all been compared directly or indirectly with the Calcutta

[1] Casella's observatory barometers on the Kew principle (*i.e.*, with a contracted scale to compensate changes of level in the cistern) were in use during the year 1888 at the following stations:—

Aden.
Bushire.
Mooltan.
Ludhiana.
Sialkot.
Lucknow.
Gorakhpur.
Jhansi.
Silchar (from 11th November).
Gya.
Dacca (from 6th September).
Chittagong.
Hoshangabad.
Seoni.
Saugor.
Nowgong.
Sambhar.
Ratnagiri.
Hyderabad (from 10th November).
Bhuj.
Gopalpur.
Rajahmundry.
Mangalore.
Mercara.
Negapatam.
Mandalay (from 4th December).
Akyab.
Bassein.
Toungoo.
Thayetmyo.
Mergui (from 9th May, 16 hours).
Cocos Island.

At Bombay, Calcutta, Madras, and Rangoon, large Newman's standards on Fortin's principle, with adjustable scales and tubes of more than 0·5" diameter, are in use.

Casella's small observatory standards on Fortin's principle, with tubes of 0·4 inch in diameter, were in use at the following stations in the year 1888.:—

Bagdad.
Chamba.
Dera Ismail Khan.
Peshawar.
Murree.
Rawalpindi.
Lahore.
Delhi.
Roorkee.
Meerut.
Bareilly.
Agra.
Allahabad.
Benares.
Sibsagar.
Tezpur.
Dhubri.
Silchar (up to 9th October).
Darjeeling.
Pedong.
Purneah.
Durbhunga.
Patna.
Hazaribagh.
Berhampore.
Burdwan.
Jessore.
Dacca (up to 27th Aug.)
Saugor Island.
Cuttack.
False Point.
Pachmarhi (from 16th August).
Nagpur.
Neemuch (from 1st November).
Buldana (up to 17th February).
Sutna.
Ajmere.
Pachpadra (from 1st November).
Jacobabad.
Kurrachee.
Masulipatam.
Bangalore (from 19th February).
Madura (from 1st June).
Secunderabad (from 23rd May).
Trichinopoly (from 1st June).
Bellary.
Cuddapah.
Raipur (from 29th Aug.)
Cochin.
Kendat.
Moulmein.
Diamond Island.
Mergui (up to 9th May, 10 hours).
Port Blair.

At stations in the Central Provinces, Central India, Rajputana, and Bombay other than those named above portable mountain barometers on Fortin's principle, with tubes of about 0·25 inch diameter, were in use in 1888.

standard. All the barometric readings (with the exception of those of Amini Divi, Coimbatore, Kurnool, Madras, Salem and Wellington) have been corrected to the Calcutta standard. The Ceylon barometers have been verified at Colombo, by comparison with a standard tested by Messrs. Negretti and Zambra, who compare with the standard at Kew. A correction of +·011 inch has been applied to their registers, therefore, to bring them up to the values of the Calcutta standard.

The barometric observations at the following stations have been doubtful for some time :—

1st. Hyderabad in Sind.—The readings at this station from January to November 1888 were invariably too high. An inspection of the observatory showed that this was due to an erroneous method employed by the observer in reading the instrument. There were three barometers at this station, and apparently readings were taken sometimes from one and sometimes from another instrument.

2nd. Rawalpindi.—The barometer readings of this station reduced to sea-level have been affected by a constant error due in part to the height of this station not being correct.

3rd. Mercara.—The barometric readings at this station when reduced to sea-level were invariably higher than those at neighbouring stations. This was finally ascertained to be due to an error in the determination of the elevation which was found to be 3,781 and not 3,884 feet.

4th. Pachpadra.—An inspection of the station showed that the instrument was exceedingly dirty, to such an extent in fact that it was not possible to read it correctly. Hence for some time past the readings have been affected with large errors. The instrument was cleaned and the observer carefully taught, and the readings and the means of the readings from the date of the inspection, September 1888, appear to be approximately correct.

5th. Bickaneer.—The readings and means reduced to sea-level for this station have for some time differred very largely from those of all neighbouring stations. The discrepancy was pointed out to Mr. Chambers, Meteorological Reporter for Western India. He replied that—

"The further correction reported in my letter No. 630 of 17th June 1887 was based on the result of comparisons of the two barometers No. 6 and No. 39 made by the observer at Bickaneer. That correction of +·039 was applied at the foot of the A forms, but through an oversight the same was not applied in finding out the abnormals in this office. However after making that correction I find the results at Bickaneer too high. I am therefore led to conclude that the observer's comparison of No. 6 with No. 39 is, for some reason or other, worthless, and that the abovementioned correction of +·039 is inapplicable."

The readings for the past year and means given in the present report are hence of no value, until the nature of the discrepancy has been ascertained. Arrangements are being made for an early inspection of this station when the nature and extent of the error will be, it is hoped, detected.

6th. Sutna.—The readings at this station have for some time been invariably too high when compared with those of Allahabad and Jubbulpore. This was found on inspection to be due to the adoption of a method for the protection of the instrument which made it impossible for the observer to adjust the mercury in the cistern to the fiducial point properly. The error due to this was apparently about +·012".

7th. Jhansi.—The readings at this station have been for some time too low. This was found to be due to the observer neglecting to adjust the level of the mercury in the

cistern to the fiducial point which was well immersed in the mercury at the time of inspection, (June 1889).

8th. Moulmein.—The readings of the barometer at this station during the month of August 1888 were affected by unknown errors. The regular observer was absent on leave, and the acting observer was imperfectly acquainted with the method of reading the instrument, and made frequent mistakes both in adjusting and reading the vernier.

9th. Toungoo.—The observer was absent on leave for some time in 1888, and the readings taken by his substitute during that period were affected with errors of various kinds, the amount of which is not possible to ascertain.

With a view to rendering the barometric data published in previous reports, as far as possible, trustworthy and comparable with those given in the present report, a list, repeated from last year's report, is here given, of all those known or believed to be erroneous, together with the needful corrections, where these have been ascertained. The following are certainly erroneous and must be rejected :—

Mooltan, 1875 and 1876.
Dera Ismail Khan, une 1885.
Simla, from January 1876 to February 1877 ; and untrustworthy up to the end of April 1880.
Rawalpindi, all up to the end of 1881 untrustworthy.
Chakrata, January to August 1875, and very doubtful up to the end of 1876.
Jhansi, January to April 1875.
Benares, February 1876.
Sambalpur, 1876.
Saugor, Central Provinces, all published up to December 1879; also January, March, May, July, and September 1880, and February and April 1881.
Chanda, from January 1875 to June 1876.
Buldana, 1876.
Amraoti, 1875.
Chikalda, from November 1879 to August 1881.
Bickaneer, up to the end of 1879.
Mount Abu, January 1878, and from April to December 1882.
Pachpadra, all published up to 1881 inclusive.
Trincomalee, 1877.
Moulmein, 1878 and 1879, and from May 1885 to the end of the same year.
Toungoo, all from 1882 to August 1883.

And the following corrections are to be made to the tables published in previous reports :—

	Inch.
Quetta, from 27th March 1881 to end of same year	—0·005
Mooltan, from January 1877 to ditto	—0·010
Peshawar, from 14th September 1884 to ditto	+0·018
Murree, from January 1876 to December 1877	+0·029
Sialkot, from April 1876 to ditto	—0·009
Ludhiana, from January 1875 to ditto	+0·019
Chamba, from 5th December 1884 to end of 1885	+0·038
Simla, from 14th October 1880 to end of 1881	—0·005
Delhi from January 1875 to December 1877	+0·012
Ranikhet, from ditto to end of same year	+0·013
Meerut, from ditto to ditto	+0·021
Agra from January to December 1885	+0·014
Gorakhpur, from May 1875 to end of same year	—0·011
Ditto, from October 1877 to December 1879	+0·016

	Inch.
Sambalpur, from July to December 1882	+0·029
Raipur, from 22nd October to end of 1881	—0·005
Pachmarhi, from 16th July 1880 to December 1881	
Hoshangabad, from June to December 1880	+0·022
Ditto, from January 1881 to March 1882	—0·012
Ditto, from June to December 1882	+0·003
Sutna, from 30th March 1881 to end of same year	—0·005
Deesa, from the 10th April to the end of 1877, and from the 16th May 1879 to 14th April 1880	—0·050
Malegaon, from June 1879 to April 1881	+0·017
Ditto, from May 1881 to July 1882	—0·023
Ditto, from August 1882 to October 1884	—0·011
Ditto, from August 1885 to end of same year	+0·012
Masulipatam, from August 1877 to July 1878	+0·182
Ditto, August 1878	+0·067
Ditto, November and December 1879	—0·060
Mercara, from 1st April 1880 to December 1884	+0·027
Bangalore, from January 1875 to ditto	+0·031
Cuddapah, from 11th April 1884 to ditto	+0·118
Thayetmyo, from 24th January to 14th October 1881	—0·005
Toungoo, from September 1883 to December 1886	+0·016
Bassein, a correction increasing from 0 in January 1877 to a maximum in December 1879 of	+0·006
Rangoon, a correction increasing from 0 in January 1876 to a maximum in December 1879 of	+0·007
Moulmein, from January 1876 to March 1877	—0·048
Mergui, from the beginning of the registers in September 1877 to December 1879	+0·021

In addition to the above, it is to be noticed that there are inconsistencies in the registers of former years at the following station, which remain to be explained:—

Newera Eliya, from July 1873 to January 1879.

At all the observatories, except Dehra and Bickaneer, the barometers are kept in a masonry building, to protect them as much as possible from changes of temperature. At these two stations they are suspended in the thermometer sheds. The elevations of all barometers have been ascertained with such accuracy as was possible. In the large majority of cases, they have been referred to datum levels, determined by the Great Trigonometrical Survey of India; in Northern India, for the most part, by lines of spirit levels connected with the main line of levels between Kurrachee and Calcutta. Elsewhere, the elevations of the Great Trigonometrical Survey stations measured trigonometrically, or those of the lines of railway, have been adopted as reference data; only those of Chanda, Gopalpore, Kailang, Pachpadra and Pithoragarh have been barometrically determined. For some further details the reader is referred to Table I.

Table VII (Appendix) gives an abstract of the barometric observations of 1888, *viz.*, the monthly means of the readings at each hour of observation and of the day, the monthly mean diurnal range (between 10 A.M. and 4 P.M.), the highest and lowest readings of each month and of the year, and the extreme monthly and annual ranges. The mean pressures have been obtained in the following manner:—

(*a*) At Calcutta (Alipore), the means of the hourly measurements of the barograph traces, reduced to the corresponding values of the old Calcutta standard.

(*b*) At Bombay (Colaba), the means of measurements of the barograph traces, at 6h., 10h., 16h. and 22h., and at Leh and Allahabad, the means of the four readings at 6h., 10h., 16h., and 22h., with additive corrections, deduced from the hourly readings of past years in the case of Allahabad and without correction in the case of Leh.

(*c*) At Lahore, Chamba, Jeypore, Saugor Island, and Vizagapatam, the means of the four readings at 4h., 10h., 16h., and 22h., without further correction.

(*d*) At stations in the North-Western Provinces (excepting Allahabad and Ghazipur), at Ajmere, Sambhar, Akyab, and stations in Bengal and Assam (except Darjeeling, Pedong, Calcutta, Saugor Island, and Dhubri), the means of the 10h. and 16h. observations (except at Dehra, where the hours of observation are 9-30h. and 15-30h), corrected by range factors derived from the six-hourly readings at the same or neighbouring stations in past years. In the latter cases, the factors are taken from the same stations as in the case of the temperature means (see *ante*, page 38).

(*e*) At the four Bombay stations, Belgaum, Poona, Deesa, and Kurrachee, the means of the 10h. and 16h. observations, with additive corrections, derived from the hourly observations of the same stations in past years.

(*f*) At stations in Madras (excepting Gopalpur, Vizagapatam, Mercara, Kurnool, Rajahmundry, Bellary, Cuddapah and Mangalore), and at Bangalore and Secunderabad, the means of the three readings at 10h., 16h., and 22h., corrected by means of range factors, derived from the Madras hourly observations in past years. At Madura, Coimbatore and Masulipatam the means of the 10h. and 16h. observations only, similarly corrected.

(*g*) At all other stations the crude means of the 10h. and 16h. observations without correction.

In the case of the Ceylon stations, the means of the observations at $9\frac{1}{2}$ and $15\frac{1}{2}$ hours are given in lieu of those at 10 A.M. and 4 P.M.

Table VIII (Appendix) gives the mean pressure of each month, reduced to its sea-level value, from the elevations given in Table I (*ante*), at the temperatures obtained by taking the means of those in Tables V and VII of the Appendix. The readings of the hill stations are not included in this table. The isobars on the charts, Plates II to IV, are laid down from these values.

Table XIV, on the next page, gives the average monthly and annual pressures at 130 stations (*viz.*, all that have furnished trustworthy readings) corrected to the Calcutta standard during three years and upwards. In instances in which, during the period included, there has been any change in the elevation of the barometer, a correction has been applied to the former means, to bring them to their equivalent values at their present actual levels. These cases are not numerous, nor, as a rule, are the changes more than a few feet.

The Table also gives, for nearly all stations, the average pressure of the last thirteen years, and also, in the case of the Bengal stations and some of those in the North-Western Provinces, the Punjab, Madras, and other provinces, those of longer periods. This double form has been adopted, because the high pressures which prevailed during two years from the spring of 1876 to the autumn of 1878 (brought prominently to notice in the Reports for 1877 and 1878), rendered, for a time, the averages of some stations, for which more prolonged registers are not available, somewhat too high, in comparison with those deduced from longer periods.[1] Some of the stations, for which thirteen years' averages are given, have not actually furnished registers for the whole period. But as there exist, in nearly all parts of the country, other stations from which the complete series is forthcoming, it has been possible, in the case of the defective registers, to interpolate values

[1] The low pressures of recent years have now, in nearly all cases, counterbalanced this anomaly.

for the deficiencies; in computing which the nearest stations, in all directions, have been taken into account, with weights proportional to their respective distances, where there is much variation in this respect.

Table XV shows the differences of the means of 1888 and the above averages.

Table XVI gives a geographical summary of the anomalies of Table XV, similar in form to the corresponding table of temperature anomalies.

TABLE XIV.—*Average monthly Mean Pressures of 130 stations in India, Ceylon, &c.*

STATIONS.	Years.	January.	February.	March	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Aden . . .	6—8	29·949	29·917	29·864	29·799	29·719	29·615	29·565	29·591	29·686	29·830	29·911	29·954	29·783
Mauritius .	13	·945	·938	·975	30·009	30·087	30·175	30·208	30·202	30·195	30·138	30·070	30·005	30·079
	26—27	·943	·926	·967	·005	·081	·168	·199	·206	·195	·135	·071	·060	·075
Bushire . .	9—10	30·099	30·053	·966	29·854	29·728	29·544	29·452	29·509	29·686	29·901	·033	·094	29·827
Amini Divi . .	3—6	29·943	29·952	·913	·874	·852	·820	·849	·858	·901	·888	29·900	29·935	·890
Quetta . .	7—9	24·663	24·643	24·621	24·595	24·551	24·441	24·391	24·440	24·553	24·686	24·736	24·714	24·586
Leh . . .	12—13	19·627	19·579	19·661	19·674	19·682	19·638	19·599	19·625	19·687	19·730	19·723	19·697	19·660
Mooltan . .	13	29·638	29·591	29·470	29·343	29·197	29·048	29·026	29·104	29·241	29·442	29·594	29·658	29·363
Dera Ismail Khan .	13	·486	·440	·335	·205	·060	28·899	28·885	28·950	·093	·292	·442	·509	·216
Peshawar . .	13	28·953	28·914	28·818	28·696	28·556	·392	·364	·436	28·588	28·785	28·913	28·974	28·699
Murree . .	13	23·870	23·836	23·852	3·831	23·792	23·723	23·700	23·743	23·831	23·922	23·934	23·920	23·830
Rawalpindi . .	13	28·362	28·315	28·240	28·131	28·016	27·878	27·862	27·936	28·058	28·232	28·340	28·386	28·146
Siafkot . .	13	29·197	29·138	29·041	·918	·798	28·658	28·659	28·725	·847	29·026	29·149	29·295	·947
Lahore . .	13	·326	·281	·169	29·041	·914	·774	·775	·842	·968	·152	·286	·348	29·073
	14—15	·329	·282	·169	·050	·918	·773	·776	·846	·967	·151	·300	·353	·076
Ludhiana . .	13	·218	·167	·063	28·938	·824	·690	·689	·755	·880	·053	·178	·235	28·974
Chamba . .	3—4	27·004	26·970	26·917	26·871	26·780	26·652	26·611	26·654	26·785	26·940	27·021	27·050	26·855
Kailang . .	4—5	20·746	20·710	20·786	20·789	20·761	20·707	20·650	20·658	20·729	20·795	20·811	20·816	20·746
Simla . . .	13	23·278	23·242	23·266	23·255	23·218	23·149	23·121	23·163	23·244	23·326	23·325	23·312	23·242
Delhi . . .	13	29·313	29·258	29·151	29·025	28·913	28·784	28·785	28·850	28·965	29·144	29·270	29·330	29 066
Sirsa . . .	13	·379	·328	·214	·086	·962	·833	·823	·891	29·020	·200	·331	·392	·122
Chakrata . .	13	23·255	23·223	23·243	23·238	23·200	23·132	23·105	23·148	23·224	23·303	23·314	23·298	23·224
Dehra . . .	13	27·744	27·704	27·634	27·546	27·471	27·357	27·354	27·407	27·502	27·654	27·746	27·774	27·574
Roorkee .	13	29·114	29·065	28·959	28·839	28·743	28·615	28·623	28·687	28·792	28·966	29·081	29·134	28·885
	20—21	·116	·059	·965	·850	·743	·619	·629	·691	·794	·964	·093	·141	·889
Ranikhet .	13	24·110	24·081	24·085	24·060	24·016	23·936	23·925	23·953	24·027	24·113	24·147	24·139	24·049
	14—15	·110	·080	·081	·062	·013	·937	·928	·955	·028	·114	·153	·142	·050
Pithoragarh . .	13	·756	·724	·713	·679	·631	24·544	24·534	24·560	·636	·734	·785	·782	·673

TABLE XIV.—*Average monthly Mean Pressures of 130 stations in India, Ceylon, &c.*—continued.

Stations.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Meerut . .	13	29·282	29·228	29·116	28·996	28·885	28·756	28·764	28·829	28·935	29·117	29·240	29·296	29·037
	14—15	·284	·228	·115	·998	·882	·760	·766	·832	·935	·115	·246	·298	·038
Bareilly . .	13	·449	·388	·280	29·155	29·062	·940	·944	29·005	29·110	·284	·406	·470	·208
Agra . . .	13	·483	·434	·324	·197	·084	·967	·965	·034	·144	·320	·447	·507	·242
Lucknow .	13	·670	·612	·498	·368	·273	29·153	29·154	·220	·324	·500	·625	·688	·424
	15—16	·670	·612	·498	·368	·272	·152	·155	·222	·323	·499	·632	·689	·424
Gorakhpur . .	13	·773	·710	·591	·460	·386	·266	·265	·328	·430	·607	·731	·796	·529
Jhansi . .	13	·180	·140	·040	28·919	28·805	28·699	28·688	28·755	28·859	·027	·143	·196	28·954
Allahabad . .	13	·731	·675	·553	29·428	29·325	29·203	29·209	29·277	29·377	·557	·685	·749	29·481
Benares .	13	·773	·716	·595	·462	·364	·244	·248	·315	·415	·595	·724	·791	·520
	19—20	·777	·704	·603	·474	·371	·254	·258	·307	·419	·594	·732	·795	·524
Ghazipur . .	13	·830	·765	·644	·546	·413	·290	·289	·348	·452	·636	·766	·841	·568
Katmandu . .	4—6	25·685	25·627	25·608	25·545	25·489	25·386	25·389	25·437	25·517	25·631	25·688	25·682	25·557
Sibsagar .	13	29·735	29·672	29·590	29·502	29·434	29·303	29·280	29·333	29·425	29·571	29·676	29·734	29·521
	14	·736	·670	·588	·504	·430	·305	·283	·333	·423	·568	·677	·734	·521
Dhubri . .	13	·935	·873	·763	·668	·612	·495	·478	·531	·625	·774	·862	·929	·712
Silchar .	13	·940	·893	·809	·725	·660	·541	·522	·575	·655	·781	·862	·926	·741
	17—19	·934	·888	·807	·725	·650	·541	·526	·578	·658	·778	·877	·936	·742
Darjeeling . .	18—20	22·963	22·937	22·946	22·941	22·918	22·863	22·859	22·897	22·956	23·020	23·037	23·007	22·945
Pedong . .	3	25·302	25·277	25·274	25·226	25·208	25·107	25·090	25·137	25·212	25·316	25·379	25·362	25·241
Purneah . .	13	29·907	29·840	29·727	29·616	29·556	29·442	29·433	29·488	29·588	29·741	29·849	29·910	29·675
Durbhunga . .	13	·877	·811	·693	·575	·507	·385	·380	·438	·539	·707	·820	·886	·635
Patna . .	13	·871	·803	·677	·551	·474	·352	·356	·416	·517	·690	·813	·883	·617
	19—20	·867	·800	·679	·559	·470	·351	·358	·420	·515	·684	·819	·883	·617
Gya . .	13	·676	·605	·502	·381	·296	·169	·181	·239	·332	·505	·631	·691	·434
	15—17	·675	·603	·497	·380	·286	·167	·179	·238	·330	·500	·631	·689	·431
Hazaribagh .	13	27·982	27·941	27·864	27·773	27·689	27·580	27·569	27·621	27·713	27·872	27·959	27·994	27·796
	20—21	·980	·936	·864	·775	·687	·577	·568	·623	·708	·866	·966	·998	·796
Berhampore .	13	29·967	29·907	29·792	29·680	29·620	29·500	29·491	29·556	29·647	29·804	29·910	29·970	29·737
	20	·963	·898	·790	·680	·604	·487	·488	·553	·643	·792	·913	·971	·732
Burdwan .	13	·937	·879	·762	·656	·585	·463	·453	·521	·613	·769	·878	·942	·705
	14—15	·939	·878	·761	·656	·579	·467	·457	·520	·612	·765	·884	·944	·711
Jessore .	13	·999	·915	·836	·737	·675	·553	·537	·599	·690	·835	·934	·997	·778
	20—21	30·000	·940	·840	·742	·669	·551	·541	·600	·687	·831	·947	30·005	·778
Dacca . .	13	·013	·959	·860	·760	·702	·584	·569	·627	·714	·847	·940	·008	·799

TABLE XIV.—*Average monthly Mean Pressures of 130 stations in India, Ceylon, &c.*—continued.

Stations.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Dacca . . .	19—21	30·007	29·952	29·857	29·764	29·694	29·582	29·571	29·624	29·708	29·839	29·950	30·011	29·797
Chittagong .	13	29·949	·906	·832	·746	·676	·570	·556	·607	·680	·792	·870	·936	·760
	16—17	·948	·905	·831	·749	·672	·567	·558	·607	·680	·786	·876	·937	·760
Calcutta (*Alipore*)	13	30·019	·963	·857	·749	·677	·552	·538	·603	·694	·847	·952	30·017	·789
	35	·017	·951	·856	·752	·661	·546	·537	·598	·684	·835	·962	·023	·789
Saugor Island	13	·010	·955	·857	·756	·678	·553	·538	·601	·688	·840	·947	·015	·787
	20—21	·006	·945	·858	·758	·671	·548	·535	·593	·679	·826	·952	·018	·782
Cuttack .	13	29·954	·899	·799	·695	·610	·497	·494	·547	·626	·784	·897	29·962	·730
	20	·959	·896	·802	·698	·610	·503	·501	·557	·634	·782	·909	·967	·735
False Point .	13	30·029	·977	·878	·774	·689	·576	·558	·616	·694	·851	·966	30·035	·804
	21	·030	·974	·886	·785	·693	·577	·568	·625	·699	·845	·976	·038	·808
Sambalpur . .	13	29·544	·480	·370	·259	·160	·067	·083	·132	·215	·373	·484	29·547	·310
Raipur . .	13	·037	28·992	28·895	28·788	28·684	28·599	28·599	28·655	28·731	28·894	·000	·050	28·827
Nagpur .	13	28·968	·919	·831	·733	·635	·566	·568	·617	·683	·835	28·938	28·987	·773
	19	·961	·913	·826	·727	·633	·557	·559	·614	·674	·823	·940	·985	·768
Seoni . .	13	27·964	27·925	27·854	27·776	27·680	27·588	27·569	27·623	27·701	27·854	27·943	27·980	27·788
	17	·961	·922	·853	·779	·684	·587	·570	·623	·697	·846	·944	·978	·787
Jubbulpore .	13	28·674	28·629	28·541	28·436	28·334	28·238	28·230	28·289	28·374	28·540	28·646	28·690	28·468
	18—19	·662	·625	·537	·436	·335	·232	·225	·289	·366	·531	·648	·685	·464
Saugor . .	13	·231	·187	·110	·024	27·916	27·818	27·801	27·862	27·949	·112	·207	·243	·039
Pachmarhi .	13	26·545	26·521	26·484	26·419	26·340	26·242	26·209	26·263	26·336	26·476	26·542	26·563	26·410
Hoshangabad .	13	28·999	28·955	28·868	28·770	28·674	28·582	28·578	28·638	28·708	28·867	28·968	29·015	28·801
Khandwa . .	13	·943	·902	·827	·736	·645	·564	·553	·618	·693	·829	·921	28·959	·766
Chanda . .	13	29·371	29·314	29·222	29·122	29·026	·969	·982	29·029	29·091	29·229	29·334	29·388	29·173
Sironcha . .	13	·631	·590	·498	·401	·307	29·259	29·285	·300	·355	·479	·576	·636	·443
Chikalda . .	11—12	26·424	26·396	26·359	26·293	26·219	26·126	26·104	26·145	26·217	26·343	26·404	26·429	26·288
Buldana . .	13	27·849	27·818	27·765	27·688	27·616	27·535	27·529	27·576	27·642	27·760	27·837	27·868	27·707
Akola . . .	13	29·063	29·018	28·936	28·843	28·759	28·687	28·691	28·743	28·810	28·939	29·034	29·082	28·884
Amraoti . .	13	28·774	28·727	·645	·555	·466	·396	·397	·446	·513	·651	28·745	28·791	·592
Neemuch . .	13	·359	·243	·245	·077	·058	27·958	27·937	·007	·023	·175	·344	·378	·150
Nowgong . .	13	29·278	29·235	29·120	29·000	·887	28·770	28·775	·840	·937	29·111	29·237	29·292	29·040
Sutna . . .	13	28·975	28·935	28·828	28·710	·600	·487	·485	·551	·648	28·826	28·942	28·994	28·748
Indore . . .	13	·162	·134	·065	27·983	27·896	27·803	27·788	27·847	27·929	·068	·148	·180	·000
Bickaneer . .	13	29·290	29·235	29·115	28·996	28·865	28·749	28·725	28·803	28·926	29·102	29·229	29·291	29·027
Jeypore . .	13	28·578	28·539	28·447	·350	·244	·133	·119	·187	·291	28·457	28·559	28·604	28·376

TABLE XIV.—*Average monthly Mean Pressures of 130 stations in India, Ceylon, &c.*—continued.

Stations.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Sambhar	13	28·752	28·711	28·620	28·515	28·402	28·311	28·278	28·339	28·441	28·617	28·732	28·773	28·541
Ajmere	13	·407	·371	·281	·186	·079	27·984	27·953	·021	·119	·292	·396	·434	·210
Mount Abu	8—11	26·131	26·110	26·075	26·032	25·941	25·860	25·815	25·865	25·966	26·093	26·139	26·145	26·014
Pachpadra	3—6	29·636	29·618	29·499	29·386	29·261	29·154	29·125	29·164	29·283	29·444	29·571	29·634	29·400
Jacobabad	13	·879	·828	·690	·562	·412	·262	·235	·322	·466	·668	·824	·897	·587
Hyderabad	13	·957	·908	·776	·660	·524	·385	·352	·439	·576	·749	·893	·967	·682
Kurrachee	13	30·011	·981	·878	·782	·650	·522	·486	·573	·696	·854	·963	30·027	·785
Bhuj	13	29·633	·598	·508	·417	·317	·193	·162	·241	·348	·487	·586	29·638	·427
Rajkot	13	·589	·557	·480	·395	·299	·183	·170	·242	·340	·459	·539	·584	·403
Deesa	13	·540	·503	·423	·329	·238	·127	·098	·175	·280	·418	·510	·549	·349
Surat	13	·975	·947	·882	·799	·732	·628	·607	·671	·751	·847	·923	·969	·811
Malegaon	13	28·553	28·516	28·453	28·376	28·302	28·224	28·216	28·275	28·341	28·451	28·530	28·562	28·400
Bombay	13	29·957	29·902	29·881	29·812	29·770	29·684	29·680	29·728	29·789	29·846	29·904	29·947	29·825
	41	·951	·922	·875	·810	·766	·669	·668	·726	·784	·841	·910	·947	·822
Poona	13	28·131	28·094	28·051	27·989	27·943	27·876	27·873	27·913	27·971	28·043	28·100	28·140	28·010
Sholapur	13	·393	·356	·293	28·209	28·151	28·114	28·117	28·149	28·201	·280	·346	·393	·250
Ratnagiri	13	29·860	29·836	29·793	29·725	29·687	29·633	29·643	29·678	29·725	29·756	29·799	29·840	29·748
Belgaum	13	27·432	27·413	27·376	27·320	27·283	27·246	27·249	27·271	27·321	27·357	27·396	27·431	27·341
Karwar	10	29·926	29·910	29·874	29·814	29·772	29·749	29·766	29·781	29·823	29·834	29·861	29·903	29·834
Gopalpur	13	·996	·941	·848	·751	·656	·545	·540	·592	·670	·820	·929	·998	·774
Vizagapatam	13	30·002	·957	·880	·789	·691	·592	·594	·633	·696	·826	·927	·993	·798
	18	29·992	·948	·876	·748	·686	·593	·591	·634	·695	·816	·931	·995	·792
Rajahmundry	3—4	·899	·858	·792	·719	·612	·529	·543	·568	·626	·751	·839	·902	·720
Masulipatam	13	30·008	·976	·903	·816	·710	·653	·672	·699	·745	·846	·933	·994	·830
	17—18	·005	·966	·899	·813	·702	·649	·666	·697	·739	·835	·936	·996	·825
Secunderabad	13	28·188	28·156	28·100	28·031	27·961	27·914	27·912	27·941	27·986	28·078	28·147	28·191	28·050
	17—18	·182	·153	·097	·030	·953	·909	·910	·941	·989	·070	·147	·194	·048
Kurnool	3—5	29·060	29·019	·947	·873	28·818	28·777	28·795	28·816	28·870	·934	29·019	29·078	·917
Bellary	13	28·483	28·445	·387	·316	·271	·259	·274	·289	·327	·382	28·440	28·482	·363
	17	·479	·442	·386	·319	·273	·256	·273	·291	·324	·378	·444	·483	·362
Mangalore	10	29·930	29·923	29·893	29·839	29·803	29·801	29·817	29·830	29·864	29·863	29·875	29·912	29·863
Mercara	12—13	26·310	26·309	26·292	26·250	26·225	26·208	26·216	26·223	26·247	26·260	26·280	26·303	26·260
Bangalore	13	27·044	27·028	·995	·940	·897	·879	·886	·896	·927	·961	·996	27·032	·957
	18	·039	·024	·992	·939	·895	·876	·885	·898	·927	·957	27·000	·034	·956
Cuddapah	3	?	?	?	29·419	29·361	29·320	29·329	29·349	29·398	29·470	29·540	29·598	?

TABLE XIV.—*Average monthly Mean Pressures of 130 stations in India, Ceylon, &c.*—continued.

Stations.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Madras .	13	29·999	29·973	29·910	29·828	29·737	29·707	29·728	29·745	29·782	29·849	29·913	29·974	29·845
	28	·991	·967	·907	·823	·735	·701	·723	·746	·774	·839	·919	·939	·839
Salem .	13	·051	·038	28·985	28·914	28·869	28·858	28·869	28·879	28·913	28·944	28·984	·032	28·945
	18	·047	·031	·982	·914	·868	·857	·870	·882	·910	·935	·992	·036	·944
Wellington .	14—16	24·264	24·269	24·269	24·236	24·200	24·163	24·166	24·171	24·193	24·213	24·238	24·260	24·220
Calicut . .	6—7	29·936	29·918	29·891	29·835	29·811	29·822	29·844	29·840	29 875	29·871	29·876	29·909	29·869
Coimbatore .	13	28·608	28·589	28·551	28·490	28·453	28·452	28·464	28·469	28·497	28·523	28·556	28·595	28·522
	17—18	·603	·583	·546	·488	·453	·444	·458	·465	·487	·518	·556	·594	·516
Trichinopoly .	13	29·718	29·705	29·651	29·575	29·523	29·510	29·525	29·533	29·565	29·604	29·652	29·702	29·605
	17—18	·712	·698	·654	·574	·523	·502	·517	·529	·554	·593	·651	·700	·601
Negapatam .	13	·973	·958	·908	·829	·760	·745	·761	·775	·808	·850	·894	·941	·850
	18	·967	·952	·906	·829	·757	·740	·758	·775	·803	·842	·898	·946	·848
Madura .	13	·511	·498	·454	·382	·334	·325	·336	·345	·375	·409	·448	·485	·409
	17—18	·500	·486	·443	·377	·324	·312	·327	·338	·364	·397	·446	·485	·400
Cochin .	13	·934	·927	·906	·854	·840	·860	875	·876	·902	·894	·896	·914	·890
	16—17	·926	·922	·902	·855	·837	·856	·874	·877	·899	·892	·902	·920	·889
Colombo .	13	·887	·887	·872	·823	·809	·826	·839	·838	·864	·862	·860	·871	·853
	18—19	·881	·881	·867	·821	·807	·819	·834	·835	·859	·858	·858	·871	·849
Jaffna . .	13	·966	·954	·909	·836	·781	·774	·788	·795	·829	·859	·894	·933	·860
	17	·964	·948	·906	·835	·780	·768	·785	·793	·823	·851	·893	·933	·857
Trincomalee .	13	·882	·880	·841	·768	·710	·702	·713	·720	·749	·780	·812	·842	·783
	17—19	·877	·873	·837	·766	·708	·696	·708	·717	·742	·773	·819	·850	·781
Batticaloa .	13	·944	·942	·910	·840	·793	·790	·802	·805	·834	·854	·879	·906	·858
	17—18	·941	·937	·905	·837	·789	·781	·796	·802	·828	·847	·878	·909	·854
Hambantota .	13	·857	·855	·848	·814	·785	·784	·788	·790	·814	·821	·835	·843	·820
	15—17	·856	·853	·847	·813	·782	·781	·784	·787	·809	·817	·837	·844	·818
Galle . .	13	·867	·865	·852	·805	·793	·808	·820	·819	·846	·844	·847	·846	·834
	17—19	·861	·859	·847	·802	·791	·800	·814	·815	·840	·839	·838	·848	·830
Kandy . .	13	28·226	28·229	28·203	28·159	28·141	28·156	28·164	28·165	28·184	28·190	28·190	28·207	28·184
	17—18	·219	·216	·199	·157	·139	·150	·161	·159	·178	·183	·187	·204	·179
Newera Eliya	13	?	?	?	?	?	23·981	23·980	23·979	?	23·997	24·011	?	?
	16—18	24·010	24·023	24·026	24·004	23·994	·982	·979	·981	23·993	·998	·014	24·013	24·001
Akyab . .	13	30·003	29·963	29·912	29·832	29·766	29·679	29·665	29·710	29·764	29·860	29·930	29·990	29·840
	20—21	·000	·954	·903	·832	·761	·679	·671	·709	·763	·852	·937	·991	·838
Thayetmyo . .	12—13	29·849	·790	·731	·645	·606	·575	·567	·594	·644	·729	·800	·853	·699

TABLE XIV.— *Average monthly Mean Pressures of 130 stations in India, Ceylon, &c.*—concluded.

STATIONS.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Toungoo . .	13	29·820	29·763	29·694	29·626	29·585	29·563	29·555	29·576	29·622	29·693	29·758	29·806	29·672
Bassein . .	13	·968	·925	·881	·813	·762	·725	·721	·745	·780	·847	·895	·950	·834
Diamond Island .	13	·967	·937	·899	·832	·770	·731	·729	·751	·786	·847	·896	·946	·841
Rangoon . .	13	·953	·914	·864	·798	·752	·729	·727	·749	·786	·841	·895	·941	·829
Moulmein . .	13	·878	·843	·811	·746	·704	·687	·681	·697	·720	·770	·810	·860	·767
Mergui . .	13	·863	·858	·828	·778	·752	·744	·739	·753	·774	·793	·814	·846	·795
Port Blair .	13	·907	·898	·876	·810	·758	·736	·742	·758	·787	·818	·845	·881	·818
	18—20	·897	·890	·866	·805	·752	·730	·737	·750	·778	·808	·845	·876	·811
Nancowry .	12—13	·853	·858	·845	·801	·777	·770	·772	·780	·806	·816	·821	·837	·811
	13—15	·852	·855	·840	·801	·771	·760	·766	·776	·801	·810	·821	·837	·807

TABLE XV.—*Comparison of monthly mean pressures in 1888 with the averages of 13 years or less than 13 years.*

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Aden	—·002	+·001	+·020	—·017	+·003	—·006	+·008	+·012	+·053	+·013	—·030	+·022	+·007
Mauritius . . .	+·006	+·014	—·018	+·066	—·013	—·020	+·018	+·004	—·015	—·037	—·018	+·012	0
Bushire	—·013	—·027	+·005	—·016	—·005	—·005	+·010	+·017	+·077	+·024	—·010	+·037	+·009
Amini Divi . . .	+·033	+·029	+·021	—·011	—·028	+·004	+·015	+·018	—·002	+·006	—·005	—·002	+·008
Quetta	+·003	+·005	+·019	—·021	—·024	+·010	—·013	—·017	+·036	+·003	—·036	+·020	—·001
Leh	—·014	+·027	+·041	—·012	+·003	—·025	+·007	+·010	+·032	+·052	+·018	+·068	+·018
Mooltan	+·037	+·037	—·025	—·051	—·036	—·016	—·016	—·032	+·022	+·045	—·011	+·026	—·002
Dera Ismail Khan . .	+·032	+·019	—·041	—·048	—·056	—·029	—·031	—·021	+·026	+·057	—·005	+·016	—·007
Peshawar . . .	+·028	+·017	—·009	—·027	—·032	—·004	—·024	—·013	+·035	+·051	+·008	+·036	+·006
Murree	—·006	+·010	+·016	—·021	—·015	—·021	—·014	—·014	+·040	+·037	—·003	+·018	+·002
Rawalpindi . . .	P	P	P	—·047	—·044	—·024	—·031	—·032	+·022	+·039	—·001	+·012	P
Sialkot	+·018	+·025	—·026	—·049	—·044	—·014	—·013	—·014	+·041	+·056	+·010	+·021	0
Lahore	+·038	+·031	—·026	—·049	—·042	—·015	—·018	—·016	+·040	+·056	+·004	+·018	+·001
Ludhiana . . .	+·022	+·008	—·034	—·057	—·047	—·020	—·009	—·016	+·030	+·043	—·006	+·015	—·005
Chamba	+·011	+·016	—·001	—·042	—·025	—·011	—·003	+·003	+·038	+·055	+·006	+·022	+·006
Kailang	—·001	+·038	+·039	+·002	+·012	—·028	—·001	+·010	+·049	+·046	+·007	+·051	+·021
Simla	—·029	—·005	+·009	—·035	—·036	—·037	—·036	—·045	—·005	—·004	—·020	—·009	—·022
Delhi	+·039	+·014	—·002	—·025	—·009	+·013	+·014	—·002	+·064	+·055	+·019	+·053	+·019

TABLE XV.—*Comparison of monthly mean pressures in 1888 with the averages of 13 years or less than 13 years*—continued.

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Sirsa	+·039	+·028	—·017	—·039	—·029	—·014	—·012	—·019	+·051	+·053	+·010	+·032	+·006
Chakrata	—·010	+·013	+·008	—·034	—·016	—·022	—·007	—·012	+·028	+·037	+·015	+·065	+·005
Mussooree	?	?	?	?	?	?	?	?	?	?	?	+·008	?
Dehra	+·024	+·025	+·005	—·037	—·013	—·022	—·007	—·015	+·039	+·056	+·012	+·015	+·007
Roorkee	+·029	+·022	—·019	—·051	—·032	—·022	+·001	—·014	+·054	+·050	+·019	+·025	+·005
Ranikhet	—·016	+·004	—·010	—·036	—·019	—·020	—·005	—·006	+·037	+·040	+·011	+·023	0
Pithoragarh	+·020	+·037	+·021	—·017	+·010	—·006	+·012	+·022	+·070	+·059	+·029	+·031	+·024
Meerut	+·038	+·023	—·012	—·047	—·017	—·005	+·011	—·003	+·065	+·059	+·020	+·038	+·014
Bareilly	+·039	+·023	—·006	—·046	—·020	—·024	+·001	—·009	+·062	+·053	+·021	+·026	+·010
Agra	+·047	+·037	+·005	—·027	—·007	+·002	+·005	—·012	+·064	+·059	+·011	+·037	+·019
Lucknow	+·036	+·020	+·001	—·029	—·007	—·010	+·002	—·002	+·066	+·048	+·013	+·026	+·013
Gorakhpur	+·033	+·008	—·001	—·035	—·009	—·024	—·003	—·023	+·052	+·040	+·011	+·011	+·005
Jhansi	+·041	+·017	—·007	—·035	—·015	—·013	—·012	—·030	+·040	+·041	—·003	+·037	+·005
Allahabad	+·045	+·021	0	—·042	—·018	—·014	—·017	—·024	+·050	+·049	+·009	+·027	+·007
Benares	+·044	+·019	—·003	—·040	—·018	—·014	—·011	—·027	+·053	+·050	+·011	+·029	+·008
Ghazipur	+·055	+·017	+·003	—·058	+·001	—·009	+·001	—·005	+·073	+·066	+·034	+·040	+·018
Katmandu	0	+·048	+·041	+·022	+·053	+·027	+·036	+·029	+·091	+·081	+·049	+·067	+·049
Sibsagar	+·016	—·006	0	—·032	—·015	—·042	+·010	—·014	+·045	+·038	+·020	+·010	+·003
Dhubri	+·012	—·019	—·006	—·041	—·016	—·054	—·016	—·036	+·035	+·023	+·023	+·008	—·007
Silchar	+·017	—·003	—·006	—·021	—·005	—·042	—·008	—·031	+·030	?	+·033	+·009	?
Darjeeling	—·005	—·011	+·028	—·039	—·003	—·022	+·025	—·008	+·036	+·020	+·008	?	?
Pedong	+·041	0	—·004	—·036	—·023	—·034	—·001	—·022	+·044	+·030	—·015	+·003	—·001
Purneah	+·045	+·006	+·004	—·033	—·002	—·035	—·008	—·029	+·051	+·042	+·026	+·022	+·008
Durbhunga	+·034	—·005	—·012	—·047	—·015	—·041	—·011	—·036	+·046	+·036	+·019	+·016	—·001
Patna	+·039	—·002	—·011	—·039	—·017	—·035	—·021	—·039	+·047	+·039	+·008	+·014	—·001
Gya	+·016	—·011	—·028	—·083	—·048	—·061	—·041	—·065	+·026	+·025	—·022	—·002	—·025
Hazaribagh	+·039	+·023	+·011	—·036	—·008	—·012	—·007	—·039	+·050	+·049	+·013	+·020	+·009
Berhampore	+·042	+·004	—·014	—·036	—·015	—·043	—·014	—·057	+·048	+·035	+·020	+·019	—·001
Burdwan	+·031	+·001	—·011	—·054	—·019	—·051	—·017	—·067	+·046	+·038	+·015	+·013	—·006
Jessore	+·034	+·009	—·008	—·034	—·012	?	—·010	—·048	+·052	+·038	+·014	+·019	?
Dacca	+·028	+·004	—·008	—·037	—·015	—·051	—·014	—·045	+·057	+·033	+·016	+·006	—·002
Chittagong	+·019	+·005	—·001	—·009	+·008	—·033	—·003	—·027	+·031	+·029	+·019	+·012	+·004
Calcutta (Alipore)	+·025	+·002	—·009	—·040	—·016	—·042	—·012	—·060	+·045	+·032	+·017	+·019	—·004
Saugor Island	+·044	+·022	+·007	—·034	—·002	—·037	—·002	—·050	+·050	+·040	+·024	+·030	+·008

TABLE XV.—*Comparison of monthly mean pressures in 1888 with the averages of 13 years or less than 13 years*—continued.

Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Cuttack	+·036	+·010	+·004	−·043	−·010	−·027	−·006	−·022	+·052	+·052	+·017	+·027	+·008
False Point	+·030	+·003	+·002	−·032	−·004	−·035	−·004	−·032	+·048	+·042	+·003	+·015	+·003
Sambalpur	+·044	+·033	+·036	+·022	+·002	0	−·002	−·009	+·066	+·062	+·024	+·039	+·023
Raipur	+·020	−·001	+·007	−·034	0	−·007	P	P	+·045	+·045	−·005	+·022	P
Nagpur	+·034	+·022	+·022	−·008	+·016	+·007	+·005	−·007	+·044	+·049	−·005	+·028	+·019
Seoni	+·015	+010	+·015	−·022	+·006	+·003	0	−·017	+·044	+·048	−·005	+·022	+·010
Jubbulpore	+·022	+·014	+·014	−·020	+·004	−·001	−·007	−·019	+·057	+·051	+·007	+·029	+·013
Saugor	+·035	+·018	+·021	−·010	+·020	+·012	+·002	−·017	+·062	+·050	+·010	+·042	+·022
Pachmarhi	+·010	+·024	+·029	+·025	P	P	P	P	+·111	+·078	+·009	+·045	P
Hoshangabad	+·025	+·015	+·013	−·011	+·003	+·003	−·002	−·014	+·057	+·057	+·007	+·040	+·017
Khandwa	+·005	+·004	+·007	+·002	+·004	−·002	+·008	−·009	+·051	+·048	−·006	+·033	+·013
Chanda	+·032	+·019	+·030	−·009	+·020	+·010	+·014	+·006	+·049	+·063	+·005	+·035	+·024
Sironcha	+·016	−·008	−·006	−·040	−·017	−·043	−·042	−·014	+·025	+·039	−·011	+·017	−·008
Chikalda	+·001	+·007	+·012	−·003	+·001	+·002	−·008	−·015	+·045	+·052	+·003	+·026	+·011
Buldana	+·013	+·004	+·015	−·007	0	−·004	+·003	−·010	+·052	+·046	−·010	+·030	+·011
Akola	+·031	+·017	+·023	−·004	+·005	−·005	+·006	−·008	+·039	+·045	−·009	+·025	+·014
Amraoti	+·026	+·016	+·023	−·011	+·005	+·002	+·011	−·005	+·046	+·049	−·004	+·027	+·016
Neemuch	+·019	+·021	+·011	−·009	−·001	0	+·006	−·010	P	P	+·030	+·066	P
Nowgong	+·038	+·021	+·007	−·022	+·002	+·008	−·006	−·011	+·054	+·058	+·010	+·038	+·017
Sutna	+·048	+·020	+·006	−·023	−·007	−·004	−·010	−·013	+·072	+·068	+·030	+·058	+·021
Indore	+·004	−·007	−·009	−·031	−·019	−·023	−·016	−·020	+·050	+·040	− 003	+·033	0
Bickaneer	+·008	+·006	−·028	−·049	−·024	−·037	−·053	−·068	+·020	+·002	−·037	−·021	−·024
Jeypore	+·036	+·026	+·006	−·021	−·006	−·003	−·008	−·023	+·056	+·049	+·010	+·035	+·013
Sambhar	+·027	+·019	−·007	−·023	−·003	−·008	−·010	−·015	+·074	+·057	+·011	+·041	+·014
Ajmere	+·023	+·011	−·004	−·022	−·005	−·005	−·006	−·023	+·068	+·045	+·004	+·031	+·010
Mount Abu	+·006	+·002	+·017	−·009	−·009	−·006	−·011	−·032	+·054	+·042	0	+·043	+·010
Pachpadra	P	P	P	P	P	−·009	−·004	−·004	+·063	+·045	+·007	+·011	P
Jacobabad	+·026	+·024	−·004	−·036	−·014	−·012	−·019	−·015	+·064	+·058	+·001	+·031	+·009
Hyderabad	−·012	+·006	−·003	−·002	P	P	P	P	P	P	+·021	+·016	P
Kurrachee	+·014	+·002	−·001	−·016	−·004	−·015	−·010	−·032	+·059	+·027	−·010	+·028	+·004
Bhuj	+·017	+·016	+·017	+·005	+·004	+·005	+·013	−·015	+·080	+·042	−·001	+·039	+·019
Rajkot	+·003	+·012	+·011	+·002	+·009	+·008	−·011	−·041	+·045	+·031	−·010	+·033	+·008
Deesa	+·012	+·014	+·009	−·011	−·003	−·011	−·007	−·036	+·062	+·028	−·003	+·036	+·007
Surat	P	+·019	+·019	+·012	+·011	+·010	+·007	−·012	+·074	+·047	−·021	+·015	P

TABLE XV.—*Comparison of monthly mean pressures in 1888 with the averages of 13 years or less than 13 years*—continued.

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Malegaon	+·031	+·021	+·025	—·009	+·012	+·004	+·016	—·008	+·039	+·046	—·007	+·035	+·019
Bombay	+·027	+·029	+·019	+·011	+·002	—·007	+·013	+·003	+·054	+·032	—·008	+·024	+·020
Poona	+·027	+·027	+·027	+·008	+·001	—·002	+·015	0	+·047	+·040	—·004	+·031	+·019
Sholapur	+·023	+·016	+·010	—·004	—·003	—·009	+·007	0	+·029	+·037	—·001	+·028	+·011
Ratnagiri	+·032	+·047	+·028	+·017	+·010	+·005	+·034	+·029	+·052	+·040	+·010	+·038	+·029
Belgaum	+·025	+·033	+·035	+·021	0	—·003	+·017	+·015	+·021	+·028	—·004	+·026	+·019
Karwar	+·029	—·010	+·017	+·005	—·001	—·002	+·020	+·029	+·026	+·027	+·006	+·024	+·019
Gopalpur	+·016	—·001	—·001	—·046	—·003	—·021	—·008	—·029	+·031	+·051	+·020	+·027	+·003
Vizagapatam	+·016	+·001	—·001	—·031	—·002	—·022	+·010	+·005	+·052	+·064	+·025	+·034	+·013
Rajahmundry	+·022	+·015	+·007	—·026	0	—·020	+·012	+·015	+·031	+·036	+·009	+·016	+·010
Masulipatam	+·021	+·032	+·037	—·007	+·011	—·018	+·010	+·010	+·024	+·049	+·012	+·028	+·018
Secunderabad	+·030	+·021	+·017	—·001	+·009	—·010	+·013	+·007	+·035	+·049	+·014	+·042	+·020
Kurnool	+·019	+·016	+·012	—·006	—·032	+·008	+·021	+·017	+·015	+·041	—·008	+·005	+·010
Bellary	+·040	—·039	+·033	+·019	+·015	+·007	+·020	+·023	+·028	+·046	+·016	+·044	+·028
Mangalore	+·045	+·038	+·022	+·012	+·002	+·020	+·036	+·042	+·023	+·034	+·021	+·034	+·028
Bangalore	+·030	+·023	+·004	—·008	—·023	—·013	+·005	+·007	+·002	+·020	—·006	+·011	+·004
Cuddapah	P	P	P	—·052	—·034	—·046	—·020	—·013	—·015	+·002	—·032	—·007	P
Madras	+·022	+·014	+·008	—·012	—·004	—·002	+·014	+·022	+·019	+·026	+·010	+·019	+·013
Salem	+·021	+·018	+·007	—·011	—·016	—·002	+·017	+·018	+·018	+·056	+·024	+·046	+·016
Wellington	+·035	+·037	+·030	+·014	+·001	+·015	+·036	+·033	+·034	+·048	+·023	+·023	+·028
Calicut	+·026	+·035	+·015	+·007	—·006	+·010	+·023	+·038	+·003	+·010	+·013	+·016	+·016
Coimbatore	+·050	+·045	+·036	+·018	+·012	+·037	+·044	+·042	+·027	+·053	+·032	+·044	+·037
Trichinopoly	+·045	+·037	+·034	—·002	—·009	—·006	+·015	+·018	+·008	+·037	+·014	+·031	+·019
Negapatam	+·030	+·025	+·017	—·002	+·009	+·004	+·022	+·024	+·020	+·030	+·026	+·026	+·020
Madura	+·033	+·031	+·021	+·005	—·008	+·003	+·017	+·016	+·007	+·033	+·013	+·031	+·017
Cochin	+·032	+·025	+·009	—·002	—·020	+·003	+·018	+·026	—·004	+·007	+·008	+·022	+·011
Colombo	+·045	+·034	+·018	+·009	—·004	+·014	+·025	+·034	+·013	+·002	+·011	+·029	+·020
Jaffna	+·034	+·031	+·020	+·006	—·002	+·005	+·021	+·029	+·022	+·034	+·014	+·028	+·021
Trincomalee	+·041	+·029	+·016	—·003	—·003	+·005	+·019	+·023	+·006	+·018	+·011	+·025	+·016
Batticaloa	+·029	+·017	+·007	—·006	—·008	—·009	+·001	+·010	—·003	+·003	—·007	+·011	+·004
Galle	+·058	+·047	+·032	+·017	+·002	+·021	+·029	+·042	+·022	+·016	+·021	+·036	+·030
Kandy	+·035	+·026	+·015	+·007	—·002	+·008	+·031	+·026	+·020	+·013	+·018	+·040	+·020
Akyab	+·013	+·003	—·006	+·003	—·001	—·052	+·003	—·019	+·025	+·030	+·013	+·010	+·001
Thayetmyo	—·001	+·027	—·006	—·001	—·003	—·063	+·013	—·003	+·019	+·036	+·020	+·016	+·004

TABLE XV.—*Comparison of monthly mean pressures in 1888 with the averages of 13 years or less than 13 years*—continued.

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Toungoo . . .	—·003	—·006	—·001	—·011	—·015	—·064	+·009	—·006	—·001	+·027	+·005	+·005	—·006
Bassein . . .	+·007	+·012	+·008	+·007	+·003	—·048	+·034	+·018	+·014	+·044	+·035	+·024	+·021
Diamond Island . .	+·022	+·017	+·012	+·010	—·006	—·042	+·019	+·015	+·002	+·014	+·015	+·014	+·009
Rangoon . . .	+·028	+·024	+·018	+·005	+·013	—·033	+·033	+·017	+·001	+·042	+·024	+·023	+·017
Moulmein . . .	+·014	+·014	—·011	P	+·011	— 026	+·039	+·037	+·033	+·064	P	+·034	P
Mergui	+·029	+·006	0	—·011	—·018	—·023	+·020	+·016	—·012	+·015	+·007	—·001	—·004
Port Blair . . .	+·022	+·017	+·014	+·022	+·018	—·009	+·028	+·014	+·009	+·033	+·019	+·019	+·018
Nancowry . . .	+·043	+·029	+·008	+·031	+·024	—·026	—·016	+·002	P	P	P	P	P

TABLE XVI.—*Geographical summary of the differences of Table XV.*

PROVINCES.	Station.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
North-Western Himalaya.	7—8	—·008	+·018	+·015	—·023	—·007	—·019	—·002	+002	+·042	+·047	+·012	+·040	+·010
Sikkim, Himalaya and Nepal.	2—3	—·012	+·012	+·022	—·018	+·009	—·010	+·020	0	+·057	+·044	+·016	+·035	+·015
Punjab Plains .	8—9	+·032	+·022	—·023	—·044	—·038	—·014	—·016	—·018	+·039	+·051	+·003	+ 025	+·002
Gangetic Plains .	12	+·038	+·016	—·004	—·039	—·015	—·020	—·005	—·019	+·054	+·049	+·015	+·024	+·008
Western Rajputana, Sind, Cutch and Guzerat.	7—8	+·009	+·010	+·002	—·015	—·006	—·010	—·014	—·034	+·055	+·035	—·005	+·026	+·004
Eastern Rajputana and Central India.	8—9	+·030	+·016	+·003	—·022	—·004	—·004	—·007	—·018	+·060	+·051	+·012	+·043	+·013
Nerbudda Valley .	3	+·017	+·011	+·011	—·010	+·004	0	0	—·014	+·055	+·052	+·003	+·034	+·014
Chutia Nagpur .	1	+·039	+·023	+·011	—·036	+·008	—·012	—·007	—·039	+·050	+·049	+·013	+·020	+·009
Lower Bengal .	5—6	+·034	+·007	—·007	—·036	—·013	—·045	—·012	—·055	+·050	+·036	+·018	+·018	0
Assam and Cachar	2—3	+·015	—·009	—·004	—·031	—·012	—·046	—·005	—·027	+·037	+·031	+·025	+·005	—·001
Orissa and Sambalpur.	3	+·027	+·004	+·002	—·040	—·006	—·027	—·006	—·028	+·044	+·048	+·013	+·023	+·005
Central Provinces South, and Berar.	7—9	+·020	+·013	+·020	—·008	+·007	+·001	+·004	—·008	+·046	+·053	—·002	+·029	+·015
Konkan . .	3—4	+·029	+·019	+·021	+·011	+·006	+·002	+·019	+·012	+·052	+·037	— ·003	+·025	+·019
Malabar Coast .	2	+·039	+·032	+·016	+·005	—·009	+·012	+·027	+·034	+·010	+·021	+·015	+·028	+·019
Deccan, Hyderabad and Mysore.	8	+ 028	+·015	+·020	+·003	—·003	—·002	+·014	+·008	+·027	+·038	0	+·028	+·015
East Coast and Carnatic.	9—10	+·029	+·024	+·018	—·012	—·004	—·007	+·014	+·016	+·019	+·039	+·013	+·027	+·015
Ceylon . . .	6	+·040	+·031	—·018	+·005	—·003	+·007	+·021	+·027	+·013	+·014	+·011	+·028	+·018

TABLE XVI.—*Geographical summary of the differences of Table XV*—concluded.

Provinces.	Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Arakan and Pegu .	7	+·012	+·012	+·003	+·001	0	—·048	+·015	—·001	+·013	+·032	+·019	+·015	+·006
Tenasserim . .	1—2	+·022	+·010	—·006	—·011	—·004	—·025	+·030	+·027	+·011	+·025	+·007	+·017	+·009
Bay Islands . .	1—2	+·033	+·023	+·011	+·027	+·021	—·018	+·006	+·008	+·009	+·033	+·019	+·019	+·016
Mean of all the Stations.	...	+·024	+·015	+·006	—·015	—·004	—·015	+·005	—·006	+·037	+·039	+·010	+·026	+·011

The above tables show the variations in the horizontal distribution of pressure. The variations in a vertical direction are shown very approximately by the differences of pressure between the hill stations and the adjacent plain stations.

The following tables, XVII and XVIII, give the average differences of pressure at ten hill stations, and the nearest stations on the plains below, *viz.*, six stations in the Himalayas, one in Western and three in Peninsular India—the averages being in no case taken from less than four years' data. The pairs of stations selected, together with their horizontal distances and differences of elevation, are as follows :—

Pairs of Stations.		Horizontal distance.	Elevation in Feet.		Difference.
Hills.	Plains.		Upper.	Lower.	
I.—Murree	Rawalpindi . . .	30 miles.	6,344	1,652	4,692
II.—Simla	Ludhiana . . .	80 „	7,048	812	6,236
III.—Chakrata	Roorkee . . .	58 „	7,052	887	6,165
IV.—Ranikhet	Bareilly . . .	90 „	6,069	568	5,501
V.—Darjeeling	Dhubri . . .	116 „	7,421	115	7,306
VI.—Katmandu	Durbhunga . . .	100 „	4,388	166	4,222
VII.—Mount Abu . . .	Deesa	40 „	3,945	466	3,479
VIII.—Pachmarhi . . .	Hoshangabad . .	48 „	3,511	1,020	2,491
IX.—Chikalda	Amraoti . . .	40 „	3,642	1,213	2,429
X.—Wellington . . .	Coimbatore . . .	20 „	6,200	1,348	4,852

TABLE XVII.—*Average differences of pressure at Hill and Plain Stations.*

	Years.	January.	February.	March.	April	May.	June.	July.	August.	September.	October.	November.	December.
I.—Murree and Rawalpindi.	13	4·492	4·479	4·388	4·300	4·224	4·155	4·162	4·193	4·227	4·310	4·406	4·466
II.—Simla and Ludhiana.	13	5·940	5·925	5·797	5·683	5·606	5·541	5·563	5·592	5·636	5·727	5·853	5·923
III.—Chakrata and Koorkee.	13	5·859	5·842	5·716	5·601	5·543	5·483	5·518	5·539	5·568	5·663	5·767	5·836
IV.—Ranikhet and Bareilly.	13	5·339	5·307	5·195	5·095	5·046	5·004	5·019	5·052	5·083	5·171	5·259	5·331
V.—Darjeeling and Dhubri.	11—12	6·960	6·931	6·805	6·724	6·684	6·628	6·613	6·626	6·658	6·746	6·825	6·918
VI.—Katmandu and Durbhanga.	4—6	4·183	4·182	4·083	4·027	4·008	3·995	3·991	4·005	4·013	4·073	4·141	4·199

TABLE XVII.—*Average differences of pressure at Hill and Plain Stations*—continued.

	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
VII.—Mount Abu and Deesa.	7—9	3·413	3·394	3·345	3·304	3·269	3·275	3·300	3·318	3·323	3·327	3·372	3·404
VIII.—Pachmarhi and Hoshangabad.	12—13	2·454	2·434	2·384	2·351	2·334	2·340	2·369	2·375	2·372	2·386	2·426	2·452
IX.—Chikalda and Amraoti.	10—12	2·356	2·335	2·290	2·268	2·247	2·269	2·296	2·298	2·298	2·305	2·338	2·363
X.—Wellington and Coimbatore.	10—11	4·339	4·312	4·275	4·248	4·247	4·278	4·283	4·285	4·298	4·296	4·314	4·338

TABLE XVIII.—*Comparison of pressure differences in 1888, with the averages of Table.*

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
I.—Murree and Rawalpindi .	?	?	?	—·028	—·033	—·003	—·017	—·018	—·018	+·002	+·002	—·006
II.—Simla and Ludhiana .	+·054	+·014	—·046	—·025	—·012	+·017	+·032	+·029	+·055	+·047	+·014	+·024
III.—Chakrata and Roorkee .	+·042	+·010	—·029	—·018	—·017	0	+·008	—·002	+·026	+·013	+·004	—·040
IV.—Ranikhet and Bareilly .	+·060	+·021	+·005	—·009	—·002	—·004	+·006	—·003	+·025	+·015	+·010	+·003
V.—Darjeeling and Dhubri .	+·030	—·004	+·022	+·001	—·003	—·028	—·035	—·020	+·010	+·011	+·015	?
VI.—Katmandu and Durbhanga	+·046	+·038	+·041	—·071	—·068	—·069	—·053	—·069	—·036	—·042	—·039	—·046
VII.—Mount Abu and Deesa .	+·002	+·012	—·007	—·009	+·005	—·014	—·013	—·012	—·001	—·016	—·004	—·007
VIII.—Pachmarhi and Hoshangabad.	+·017	—·010	—·018	—·038	?	?	?	?	—·054	—·021	—·002	—·005
IX.—Chikalda and Amraoti .	+·022	—·007	+·008	—·014	+·003	0	+·016	+·013	—·001	0	—·004	0
X.—Wellington and Coimbatore.	+·020	+·013	+·014	+·010	—·078	+·032	+·023	+·022	—·001	+·019	+·013	+·018

January.—The mean pressure of the month of December 1887 was generally in defect in the Peninsula and in excess in Northern India, but the variations were in all cases small. Pressure was on the average ·024″ in excess over India in January. The following table gives the abnormal variations in different parts of India freed from the general variation :—

Districts.	Positive anomaly.	Districts.	Negative anomaly.
Punjab	+·008″	Assam	—·009″
N.-W. Provinces . . .	+·014″	Central Provinces . .	—·004″
Central India . . .	+·006″	West Rajputana . . .	—·015″
Behar and Chutia Nagpur .	+·015″	Arakan and Pegu . .	—·012″
Bengal	+·010″		
Orissa	+·003″		
Malabar	+·015″		
Deccan	+·004″		
Carnatic	+·005″		
Ceylon	+·016″		

The amounts are small, but they are very consistent, and show that pressure was in slight excess over nearly the whole of Northern India, and also over the greater part of the Peninsula. Between these two areas of excess pressure was an intermediate belt of deficient pressure or negative barometric anomalies, which stretched from Guzerat across West Rajputana, the Central Provinces, into Burma. The deficiency was most marked at the two extremities of the trough, *viz.*, in Burma and West Rajputana. This feature is illustrated by the following, which gives the greatest negative anomalies at different parts of the trough :—

Rajkot	—·021″	Akyab	—·011″
Indore	—·020″	Toungoo	—·029″

It will be seen that this trough coincided very closely with the narrow but elongated area covered by the tracks which the cold weather storms of the month followed. It was in part the product of the storms, but the anomalies of December 1887 showed that it was then in existence, and hence it probably was an important factor in determining the course taken by the cold weather storms of January.

A remarkable feature of the pressure conditions of the month was the deficiency of pressure at the hill stations in Northern India, more especially when contrasted with the excess at the neighbouring plain stations. The following table illustrates this contrast:—

	Actual variation from normal.		Actual variation from normal.
Murree	—·006″	Peshawar	+·028″
Simla	—·029″	Ludhiana	+·022″
Chakrata	—·010″	Roorkee	+·029″
Ranikhet	—·016″	Bareilly	+·039″
Darjeeling	—·005″	Purneah	+·045″

The vertical gradients were hence steeper than usual, and the vertical range of pressure between the level of the plains and a height of 7,000 feet was ·05″ greater than the normal.

At the commencement of the month, pressure was high in Upper India and low off the Bombay coast. A very shallow depression advanced northwards along the Bombay Coast, and gave unsettled weather and unusual rain to the whole of Bombay and the greater part of the Central Provinces, Berars and West Rajputana between the 2nd to the 6th. During this period pressure was very high in Upper India, and the highest pressures were recorded from the 5th to 7th. On the last day the reduced sea-level pressure at Peshawar was 30·307. This and the pressure at Peshawar on the 26th (30·326″) were the highest of the year.

During the remainder of the month a succession of cold weather storms advanced across the head of the Peninsula from west to east. The following gives a brief account of each:—

Depression of 11th to 13th January.—This appeared in Sind on the morning of the 11th, and was very shallow. It lay between Indore and Deesa on the 12th, and had given rain during the previous 24 hours to the North-West Punjab and some parts of the Indus Valley. It filled up during the 13th in the Central Provinces.

Depression of January 16th to 18th.—The barometer began to fall rapidly on the north-west frontier on the 15th, but a moderate rise on 16th and 17th filled the depression up. It gave rain (local showers) at the hill stations chiefly and in the North-Western Provinces.

Depression of 20th to 24th January.—The barometer fell rapidly on the north-west frontier on the 19th, and an extensive depression covered Beluchistan and Upper Sind on the 20th. It advanced slowly eastwards and occupied Sind, Guzerat, Central India and

Rajputana on the 21st, and Rajputana and Central India on the 22nd. Up to this period rain was confined almost entirely to the hill districts and the Punjab. The depression was transferred to the Central Provinces and North Deccan on the 23rd, and general rain was received over the whole of Northern India from Peshawar to Burdwan. On the 24th the depression advanced eastwards through Orissa, South Bengal, and across the head of the Bay, and the storm finally broke up or disappeared in Burma on the 25th. Rain fell chiefly in Bengal and Assam on the 23rd and 24th and to Upper Burma on the 25th.

The following table gives the changes of pressure from day to day at a few representative stations in the area passed over by the storm :—

Stations.	Barometric change during 24 hours end of January.				
	20th.	21st.	22nd.	23rd.	24th.
Jacobabad	—·186	—·011	—·045	+·168	+·074
Kurrachee	—·098	—·073	—·025	+·140	—·017
Deesa	—·078	—·053	—·100	+·198	—·006
Mooltan	—·132	+·065	—·113	+·200	+·043
Ajmere	—·082	—·030	—·163	+·245	+·024
Indore	—·063	—·099	—·021	+·110	+·028
Jubbulpore	—·015	—·019	—·116	+·053	+·081
Nagpur	+·009	—·026	—·085	—·062	+·030
Raipur	+·001	—·010	—·072	+·038	+·002
False Point	+·008	+·030	—·029	+·039	—·065
Calcutta	+·004	+·026	—·014	+·039	—·075
Dacca	+·004	+·001	+·002	+·003	—·038
Sibsagar	+·041	—·010	+·022	—·034	—·063
Akyab	+·014	+·002	+·004	+·020	—·045
Toungoo	+·014	—·006	—·004	+·022	—·038

An examination of these figures at once shows the character of the disturbance in the lower atmospheric strata. The depression was greatest during the first three days of its existence, and was small in amount when crossing the Bay and Burma.

Depression of 24th to 30th January.—The barometer began to fall rapidly in Lower Sind on the 24th, and on the 25th a shallow depression overlay Guzerat. Rain fell in the Punjab and Indus Valley, and snow on the North-West Himalayas on that day. The depression advanced in an east south-easterly direction, and was in the Central Provinces on the 26th. General rain fell over the whole of the North-Western Provinces and Behar. The depression covered South Bengal, Orissa, and the north of the Bay on the 27th, and gave light to moderate rain to Bengal and Assam on that day, and also on the 28th, when it was in the north-east of the Bay. During this period weather was squally in the north of the Bay with occasional showers. The strongest winds reported by vessels in the north of the Bay on this day were of force 5. On the 29th the depression was approaching the Arakan Coast, and on the 30th it passed into Central Burma, after which it disappeared. It gave rain to Assam and Burma on the 29th and 30th.

Depression of 25th to 27th.—A small local depression appeared in the north-west of

the Punjab on the 25th. It gave general snow in the hill districts and rain in the adjacent plains. It advanced slowly eastwards along the hills on the 26th and filled up on the morning of the 27th.

The following features of the storms of the month are noteworthy and important :—

1st.—There were five cold weather storms during the month. Three of these were large and gave heavy rainfall, and two advanced along the whole length of the trough of slightly deficient pressure from Sind into Burma, and the third from Sind into the Central Provinces.

2nd.—The great proportion of the rain due to these storms was received in the north-western and north-eastern quadrants, and fell at considerable distances from the position of minimum pressure. The rainfall followed the easterly extension or motion of the depression and did not occur most largely in front.

3rd.—The barometric depression was not large, and the circulation of the air in the lower atmospheric strata, although on the whole cyclonic in character, was more or less irregular. This apparently shows that the lower air circulation was an unimportant and secondary part of the general air movement.

4th.—The rainfall was general over a large part of Northern India and considerable in amount. The following table gives the average amount on each day from the 20th to the 30th :—

	20th.	21st.	22nd.	23rd.	24th.	25th.	26th.	27th.	28th.	29th.	30th.	Total.
Sind	...	...	0·01	...	0·08	0·11	...	...	0·01	0·37	0·46	1·04
Punjab	...	0·02	0·51	0·28	0·03	0·31	0·33	0·10	0·03	0·01	...	1·62
North-Western Provinces	...	...	0·08	0·39	0·04	0·13	0·52	0·12	0·02	...	...	1·30
Rajputana	...	...	0·03	0·01	...	0·16	0·14	...	...	0·03	0·14	·51
Central India	0·02	0·03	0·16	0·01	...	0·03	0·07	0·01	...	...	0·07	·40
Central Provinces	...	...	...	0·02	...	...	0·07	0·04	...	...	0·01	·14
Bengal	...	...	0·01	0·15	0·03	0·02	0·19	0·38	0·17	0·02	...	·97
Assam	...	...	...	...	0·08	0·02	0·08	0·22	0·18	0·26	0·02	·76
Burma	...	...	0·04	...	...	...	...	0·02	0·15	0·09	0·02	·32

February.—The average pressure of the month for the whole of India was ·015″ above the mean. The following table gives the barometric anomalies of different parts of India freed from the general anomaly :—

Districts.	Positive anomaly.	Districts.	Negative anomaly.
Punjab	+·007″	West Rajputana	—·005″
North-West Provinces	+·001″	Bengal	—·008″
Central India	+·001″	Assam	—·024″
Behar and Chutia Nagpur	+·008″	Orissa	—·011″
Konkan	+·004″	Central Provinces and Berars	—·002″
Malabar	+·017″	Burma	—·003″
Carnatic	+·009″	Tenasserim	—·005″
Ceylon	+·016″		
Bay Islands	+·008″		

The barometric anomalies were hence generally small in amount, and indicate the continuance of the same abnormal pressure conditions as in the preceding month. A trough of deficient pressure stretched from Sind and Kathiawar across Guzerat, the Central Provinces and Orissa into Assam, Bengal, and Burma, and separated an area of slightly increased pressure on the north, covering the Punjab, Rajputana, and the North-Western Provinces from another similar area including the Deccan and Southern India.

The following gives the stations at which the deficiency was largest, and the line joining these hence formed practically the axis of the trough of deficient pressure—

	Local anomaly.		Local anomaly.
Rajkot	—·003″	False Point	—·012″
Indore	—·022	Burdwan	—·014
Khandwa	—·011	Dhubri	—·034
Raipur	—·016	Sibsagar	—·021

The deficiency was hence most marked at the eastern extremity of this trough and was considerable in amount.

At the commencement of the month the distribution of pressure was that characteristic of the cold weather, and pressure was absolutely highest at Jacobabad (30·251″). A very shallow depression apparently lay off the Bombay Coast which advanced into Guzerat on the 2nd. A more important depression appeared on that day to the south of the Sind coast. It covered the sea area to the south of the Sind Coast on the morning of the 2nd, and was apparently a very shallow depression. This and the very shallow depression near the Bombay Coast combined to give very cloudy weather and general rain on the 2nd and 3rd over the whole of Sind, the Punjab, Rajputana and the North-Western Provinces. The depression was much less clearly defined on the 3rd, and the winds were very irregular. A rise of the barometer on that day re-established anti-cyclonic conditions in Upper India on the 4th and 5th.

Weather became slightly disturbed again on the North-West Frontieron the 9th and 10th, and a very shallow depression lay over Sind on the 11th. It apparently advanced slowly across the head of the Peninsula as a shallow depression of considerable extent. It passed through the Central Provinces on the 13th and 14th, Orissa and South Bengal on the 15th, and was in Burma on the 16th, after which it disappeared. It gave frequent local showers (more especially on the 12th), but the rainfall due to it was throughout small in amount.

Another similar shallow but extensive depression formed on the 15th and 16th in Upper India, and advanced eastwards more rapidly than the previous, and passed into Burma on the 19th. It gave practically no rain.

A fourth shallow depression appeared in Upper Sind on the 18th. It passed through Rajputana on the 19th, the North-Western Provinces on the 20th, and filled up on the evening of that day. This feeble storm gave showers, chiefly in the Punjab and North-Western Provinces, and in the northern districts of the Central Provinces.

A fifth depression, similar in character to the preceding, appeared in Sind and Guzerat on the 24th, and was nearly stationary during the next 24 hours, whilst light showers were falling in Rajputana and Central India. It then advanced eastwards, and was in the Central Provinces on the 26th, Chutia Nagpur and Orissa on the 27th, and filled up during that day, when moderate anti-cyclonic conditions were again established over Northern India.

It may be noted that these depressions were more clearly shown by the barometric changes from day to day than by the actual distribution of pressure. This of course arises from the fact that they almost certainly originated at a considerable elevation, and moved across Northern India as very shallow depressions (the effect in the lower atmospheric strata being much smaller than at a considerable height). Also at this period of the year in Northern India the gradients are from north to south, and are moderately steep. Hence the effect of a very shallow depression is to give uniformity of pressure over the area it traverses in crossing Northern India.

The preceding remarks have shown that a succession of very shallow depressions of peculiar character followed one another across Northern India during the month. The following are the most noteworthy points in these feeble storms :—

1st.—During the formation of each storm the largest fall of the barometer occurred in the North Punjab at a considerable distance to the north of the lowest barometer as shown by the observations. These depressions hence almost certainly did not pass into the Sind and Punjab from Beluchistan, but originated in Upper India and were apparently due to actions in the Punjab chiefly.

2nd.—The advance of these depressions was shown by the fall of the barometer in front, and rise in rear. The depressions were shallow and the accompanying cyclonic circulations irregular, and hence are very indistinctly shown in the daily weather charts of the period.

3rd.—Each depression gave cloudy weather in the area over which it extended and to the north of it, more especially in the hill districts, and also more or less rain, chiefly as local showers, in Northern India.

March.—The hot weather in Northern India usually dates from the 1st March. One of the more important effects of rapidly increasing temperature in India is to modify largely the pressure conditions or the barometric anomalies. This was shown very strikingly by the barometric data of March and the succeeding two months.

The mean pressure over India for the month was only ·006″ above the normal, much less than the mean anomalies of the two preceding months.

The following table gives the local anomalies freed from the general anomaly :—

Districts.	Negative anomaly.	Districts.	Positive anomaly.
Punjab	—·029″	Central Provinces . .	+·014″
North-Western Provinces .	—·010″	Konkan	+·015″
West Rajputana, Sind . .	—·004″	Malabar	+·010″
Central India . . .	—·003″	Deccan	+·014″
Bengal	—·013″	Carnatic	+·012″
Assam	—·010″	Ceylon	+·012″
Orissa	—·004″	Bay Island	+·005″
Pegu	—·003″		

Pressure was now relatively in excess over the Peninsula by small and approximately uniform amounts averaging ·012″. It was in defect over the whole of Northern India to the north of the Vindhyas, but the anomalies were small, except in the Punjab, for which

they averaged ·029". It will thus be seen that the trough of low pressure across the head of the Peninsula, which had been the chief and most important feature of the cold weather distribution of pressure, had disappeared, and that the pressure anomalies in Northern and Southern India were of the opposite character or sign to those which had hitherto prevailed. These apparently small but important changes were due to the hot weather conditions of the month, and they were further emphasized during the next two months, so that they were not only very persistent, but became very prominent in the month of May.

From the 1st to the 5th pressure was fairly uniform over India. A shallow depression appeared on the 6th between Indore and Deesa. Rain fell in Central India and the Central Provinces during the day, as the disturbance advanced eastwards. It filled up during the next 24 hours, during which light showers were received in Bengal, Arakan and Assam.

Depression of the 9th to the 13th.—The barometer began to fall rapidly on the 9th in Upper India and Beluchistan, and on the morning of the 10th a small but deepish depression, the centre of which was near Dera Ismail Khan, covered the West Punjab. It advanced into the East Punjab and filled up partially during the next 24 hours. No rain fell in the Punjab plains during this period, *i.e.*, on the 9th, 10th, or 11th. The depression intensified slightly during the next 24 hours, and some light local showers were received on the 12th, and the disturbance filled up on the morning of the 13th.

From this date to the 18th pressure was fairly uniform, but on that day and on the 19th it increased rapidly in the Punjab, and was very high on the 20th, 21st and 22nd. On the 23rd and 24th pressure gave way quickly in Northern India, and a low pressure area was established along the foot of the hills stretching from Ludhiana to Dhubri and Dacca. On the 24th the barometer fell very rapidly in North-West India, due to the easterly advance of a depression from Beluchistan.

Depression of the 25th to the 27th.—On the morning of the 25th the depression lay between Jacobabad and Mooltan, and strong westerly winds were blowing across the Sind coast. Rain fell in the North and East Punjab during the day, and the depression advanced north-east, and was between Mooltan and Lahore on the morning of the 26th. The depression filled up rapidly during the day, and on the morning of the 27th anti-cyclonic conditions were again established in Northern India. The following gives the barometric movements at a few stations in Upper India during the storm :—

Stations.	Barometric change during 24 hours ending 10 A.M., March 1888.			
	24th.	25th.	26th.	27th.
Quetta	—·103	—·005	+·042	+·107
Jacobabad . . .	—·047	—·215	+·156	+·316
Mooltan	—·025	—·199	—·005	+·440
Lahore	—·103	—·047	—·050	+·385
Simla	—·136	—·014	—·013	+·117
Dera Ismail Khan . .	—·083	—·151	—·017	+·441
Peshawar . . .	—·160	—·119	+·068	+·359
Murree	—·070	—·040	—·154	+·367

The rapid rise which accompanied the filling up of this depression is a common feature of the cold weather storms, more especially of that class which are confined to the Punjab.

During this disturbed period a series of severe nor'-westers visited some parts of Bengal. Two at least of these approached in intensity to tornadoes, and were probably storms of that class. The first of these two storms occurred on 27th March in the Magura sub-division of the Jessore district. The length of its destructive path was about 7 miles. It partly destroyed seven villages, and four persons were killed and 24 wounded by falling trees, houses, &c., during the storm. The second storm occurred on the same day in the Pubna district about 40 or 50 miles to the north of Magura. No accounts of this storm have been collected, but it is stated to have been even more violent than the preceding, and to have caused the death of upwards of 20 persons. Eighty persons are also stated to have been severely injured.

The barometer fell rapidly in Upper India on the 29th and 30th, and on the 31st pressure was again lowest along the foot of the hills in the Punjab and North-Western Provinces, and probably over the Hill districts.

April.—The mean variation of pressure from the normal for the whole of India was —·015″. The local variations or anomalies are given in the following table:—

Districts.	Positive anomaly.	Districts.	Negative anomaly.
Central Provinces . . .	+·007″	Punjab	—·029″
Konkan	+·026″	North-Western Provinces .	—·024″
Malabar	+·020″	Central India . . .	—·007″
Deccan	+·018″	Chutia Nagpur . . .	—·021″
Carnatic	+·003″	Bengal	—·021″
Ceylon	+·020″	Orissa	—·025″
Pegu	+·016″		
Bay Islands	+·042″		

The anomalies were similar in character to those of the preceding month, but were much larger. Pressure was relatively in excess over the Peninsula, the Bay of Bengal, and Burma. The positive anomalies were greatest for the Malabar and Konkan coasts, Ceylon and the Bay Islands, and decreased northwards and eastwards. Pressure was relatively in defect over the whole of Northern India, the deficiency increasing in amount from east to west, or from Bengal to the Punjab, where pressure was abnormally low. The intense heat of April hence further emphasized the anomalies which had been introduced at the commencement of the hot weather in March. This is a strong proof that the change of pressure conditions indicated by these anomalies was due largely, if not entirely, to the action of rapidly increasing temperature in India.

The month was on the whole less disturbed than usual, and the weather was throughout abnormally hot and dry. There were apparently fewer series of duststorms than generally occur in April. The storms of the month, though few in number, were however

unusually violent. The two most conspicuous storms of the month, a tornado at Dacca on the 7th, and a hail-storm at Moradabad on the 30th, were the most violent hot weather storms of recent years, and caused much loss of life and property.

At the commencement of the month pressure was lowest along the foot of the hills from the Punjab to North Bengal. This gave rise to strong westerly winds in the Gangetic plains which advanced into Central Bengal, whilst strong southerly winds blew across the Bengal coast into East Bengal. The contrasts of humidity as well as of temperature were hence very great in Bengal. On the morning of the 7th pressure was lowest at the eastern extremity of the area of low pressure which stretched along the foot of the hills. In the evening of that day a series of nor'westers and thunderstorms occurred in the Dacca district of East Bengal. The most remarkable was the Dacca tornado. The following gives a brief sketch taken from an account of the storm by Dr. Crombie, Civil Surgeon of Dacca, and Mr. Pedler, Meteorological Reporter to the Government of Bengal, which was published in the Asiatic Society's Journal:—

The storm commenced as an ordinary nor'wester at about 6-30 P.M. Suddenly and apparently without any warning, whilst the nor'wester was blowing, a tornado, forming apparently its central portion, struck the western extremity of the town of Dacca at 7 P.M. The tornado travelled at first in a south-east course along the old river bed, destroying every hut which it passed over. As this part of its course was comparatively free and open little damage was done. It suddenly changed its course to the northward, and reached the maidan to the south of Lalbagh. During this period it apparently increased its energy, and its further advance was marked by great destruction of property. From Lalbagh it crossed the river and passed into the civil station and native city, through which it cleared a track about 200 yards wide, destroying even the strongest masonry houses. It subsequently rose from the ground and passed high into the air. It travelled about 3½ miles at an estimated rate of 16 miles per hour. Its breadth varied from 180 to 200 paces and the uprush of air within the column was so great that large beams were suspended in mid-air for several seconds before falling. The storm was so partial that those outside its path were hardly aware of its existence. It passed over one corner of the observatory compound, and was then a little distance from the ground. It broke off the tops of the trees in this corner of the compound as clean as if they were cut with an axe, whilst the lower portions of the trees were unaffected by the storm.

Little is known of a storm which visited a part of the Munshiganj Sub-division in the Dacca district on the same evening, except that 46 persons were killed and 120 severely wounded by it. It marched for the great part over open country, and hence did comparatively little harm to property. The houses it passed over were completely swept away. It is hence not possible to determine whether this was an independent storm or a continuation of the storm which visited Dacca.

Pressure was as hitherto lowest along the foot of the hills until the 11th, when Upper Sind became the seat of minimum pressure, and steep gradients were established in North-West India.

A shallow depression began to form off the South Coromandel Coast on the 12th and 13th, due, apparently, to an early and feeble advance of humid winds. It passed into

Southern India on the 15th, and was throughout a very feeble storm, but gave moderate rain to the southern districts of Madras.

On the 16th, the area of lowest pressure was transferred from Sind to the foot of the hills, extending from the Punjab to North Bengal, and steep gradients prevailed. This distribution continued unaltered for some days, and on the 19th a second advance of humid winds occurred in Southern India, which gave much heavier rain than the first advance, and also extended as far north as Hyderabad and Sholapur. The distribution of pressure became somewhat irregular on the 22nd and 23rd, and weather was more or less disturbed over the whole of Northern India. Numerous thunderstorms occurred in Bengal and dust-storms in Upper and Central India between the 23rd and 25th. A tornado is reported to have occurred at Bhudhressur near Serampore about 8 P.M. of the 23rd. Ten people were killed, many were wounded, and much damage caused to property. They reduced temperature, but no important change occurred in the general pressure distribution. Steep gradients prevailed at this time over the Peninsula and in the Bay. In Upper India a long and narrow area of low pressure stretched southwards from the hills in the South-East Punjab on the 28th and 29th. It was less plainly marked on the 30th. It, however, was the only barometric indication of a series of severe thunderstorms and hailstorms which visited the western districts of the North-Western Provinces on the evening of that day and on the afternoon of the 1st from the hill districts of Mussoorie and Chakrata as far south as Delhi.

Mr. Hill, Meteorological Reporter to the Government of the North-Western Provinces, has written a paper (published in the Asiatic Society's Journal, Vol. LVIII, Part II, 1889), giving a full account of these storms. According to his investigations there were at least five separate storms on the 30th of April and 1st of May in the western districts of the North-Western Provinces, three of which appear to have been true tornadoes. The others caused no destruction of life or property and were of little importance.

The following gives a brief account of the three destructive tornadoes, taken from Mr. Hill's paper:—

1st.—The Moradabad tornado of 30th April. This storm appears to have originated or, at all events, was first felt at the earth's surface near Hapur, the southern tahsil of the Meerut district at between 4 and 5 P.M. It proceeded eastwards, gradually increasing in intensity, and struck Moradabad at 6-15 P.M. It passed out of the Moradabad district through the Rampur State into the Bareilly district. It gave hailstorms of destructive violence at 8 P.M. to Baheri and Nawabgunj in that district. It then passed eastwards into the Philibit district to the borders of Kheri, which it reached about 10 P.M., but the violence of the storm had greatly abated. Its course was about 150 miles in length and its average rate of advance about 30 miles per hour. The breadth of the strip of country over which the trees were blown down was everywhere less than a mile. The quantity of hail which fell seems to have been enormous, and the size of the hailstones apparently did not exceed a pigeon's egg. The hail, however, caused the death either directly or indirectly of at least 230 persons at Moradabad and 16 at Baheri. The Collector of Moradabad stated that men caught in the open and without shelter were simply

"pounded to death" by the hail. It is hence probable that the hailstones fell from a great height, and that their velocity was very great. It is possible that many of the deaths may have been due to the persons being knocked down by the fury of the wind and more or less enveloped in ice. The shock to the system of a thinly clad native, under such circumstances, would probably account for death in some cases. The loss of life due to this hailstorm is greater than in any previous recorded hailstorm of which there are any accessible descriptions, and, so far as can be judged from the accounts of the storm, was due almost entirely to the hail and not to falling trees, &c.

2nd.—The Delhi storm occurred on the 1st May and approached that city from the west or north-west, so far as can be judged from the accounts that have been received. It passed over Delhi about 3-30 P.M. of that day, crossed the Jumna and advanced over Ghaziabad, where its violence was as great as at Delhi, and the hailstones were of enormous size. It passed into the Moradabad district in the evening when it was dying out. Its whole course was probably about 100 miles in length. The breadth of the belt of country in which trees were blown down, &c., is stated by a correspondent in the *Pioneer* to have been about 2 miles. The chief feature of this, as of the previous storm, was the fall of hailstones which accompanied it. They appear to have been remarkable for their enormous size. The Delhi correspondent of the *Pioneer* vouches for one weighing two pounds, and states that the fall presented the appearance of a shower of lumps of ice. At Ghaziabad many of the stones were as large as cricket balls. The form of the stones was generally a flat oval. Many persons were killed or wounded, and at least one person was killed by having his head split open by a hailstone. Twelve persons are reported to have been killed during this storm.

3rd.—The Tilhar storm of the 1st May probably commenced near Dataganj in the eastern part of the Budaon district about 2 P.M. It passed over Jaintipur about 2-30 P.M., and Tilhar at 3-30 P.M., when it was probably at its greatest intensity. It reached Shahjehanpur between 4 P.M. and 5 P.M., but was then diminishing in violence. It has not been traced further. The force of the wind was very great at Tilhar, as trees were broken off and blown to distances of 10 to 15 yards, and roofs of thatched houses 25 to 30 yards. The chief feature of this storm, as of the previous, was the heavy hail which accompanied it. At Tilhar the hail stones are said to have been larger than a goose's eggs, and in another part of the same tahsil they are said to have averaged 3 inches in diameter. The hailstorm followed a duststorm, which lasted for nearly an hour before the hurricane commenced. At least two men were killed by hail, two by the falling of a house, one by the falling of a loaded cart, and six or seven by falling trees. The hail wounded a very large number of people.

May.—The mean pressure conditions and anomalies of this month were similar to

those of the preceding months, but were less strongly marked except in Upper India. The mean pressure of the whole of India was ·004″ below the normal mean. The following table gives the local variations freed from the general variation.

Districts.	Positive anomaly.	Districts.	Negative anomaly.
Central India	0	Punjab	—·034″
Central Provinces	+·011″	North-Western Provinces	—·011″
Konkan	+·010″	Lower Bengal	—·009″
Deccan	+·001″	Assam	—·008″
Ceylon	+·001″	Malabar	—·005″
Bay Islands	+·025″		
Burma	+·004″		

The negative anomalies were very large in the Punjab and immediately under the foot of the hills in Upper India, as is shown by the data of the following table :—

	Local variation of mean of month from normal.
Dera Ismail Khan	—·052″
Rawalpindi	—·040″
Peshawar	—·028″
Lahore	—·038″
Ludhiana	—·043″
Roorkee	—·028″
Bareilly	—·016″
Durbhanga	—·011″
Dhubri	—·012″
Sibsagar	—·011″

The following table gives the largest positive anomalies :—

	Local variations of mean of month from normal.
Malegaon	+·016″
Khandwa	+·008″
Poona	+ 005″
Sholapur	+·001″
Belgaum	+·004″
Bellary	+·019″
Nagpur	+·020″
Chanda	+·024″

These figures show that the relative excess of pressure was greatest in the Central Provinces and Khandesh, in which areas the anomalies averaged ·02″, and were hence largish in amount.

The abnormal pressure features of the hot weather months (March to May of the year 1888) were hence very clearly marked and persistent throughout the whole period. The chief were :—

1st.—Deficient pressure over the whole of India.

2nd.—Relatively deficient pressure over the whole of Northern India. It was most marked in amount in the Punjab and along the foot of the hills in Northern India, where it ranged from ·02″ to ·05″.

3rd.—Increased pressure over the Peninsula. The increase was moderate in amount, and was greatest in the Central Provinces and Khandesh, and in part of the South Deccan (represented by Bellary).

One of the more important features of the month and of the three following months are the variations of the pressure relations between Upper and Southern India. This relation at any time is most simply measured by the range of pressure over India, which may be called the total gradient. It varies considerably during the period, oscillating within widish limits. The oscillations are almost entirely due to the comparatively rapid pressure changes which occur in Northern India, as pressure is remarkably uniform in the south of the Arabian Sea and Bay of Bengal during the whole monsoon period.

The most important changes of pressure in the Indian area during the month of May 1888 are indicated by the data of the following statement:—

	8 A.M., highest pressure in Ceylon and Southern India.	8 A.M., lowest pressure in Upper India.	Absolute range of pressure or total gradient.
May 1st	29·94″	29·41″	·53″
„ 6th	29·88″	29·80″	·08″
„ 18th	29·94″	29·49″	·45″
„ 24th	29·88″	29·57″	·31″
„ 27th	29·83″	29·44″	·39″
„ 31st	29·84″	29·48″	·36″

The Punjab and Upper Sind formed the seat of minimum pressure throughout the month. At the commencement of the month pressure was abnormally low inthe Punjab and very steep gradients prevailed over the Indian area, and more especially in North-Western India. A series of unusually severe dust storms and thunderstorms (in some cases accompanied with exceptionally heavy hail) occurred during the first three days of the month, after which pressure increased rapidly in Upper India, and on the 6th was approximately uniform over the whole of India. It then decreased slowly and steadily until the 18th, when large differences and steep gradients again obtained over India. During the remainder of the month the changes of the range of pressure over India were confined within narrow limits, and the gradients were such as usually precede and inaugurate the advance of the monsoon currents up the Arabian Sea and Bay of Bengal.

In the remarks on the pressure conditions of April, it was pointed out that two feeble advances of humid southerly winds occurred in Southern India during the last twenty days of April, and that the second of these was more powerful than the first, and gave larger amounts of rain over a more extensive area. The next advance of humid winds occurred in the second week of the month of May, and gave rise to a small cyclonic storm.

Depression and cyclonic storm of May 10th to 13th.—The barometer began to fall rapidly on the 10th at the Coromandel Coast stations, and on the morning of the 11th a small but well defined storm lay off the South Coromandel Coast. The centre crossed the coast between Cuddalore and Negapatam during the night and advanced in a west-north-west direction. The storm began to break up on the 12th, and the cyclonic circula-

tion was already somewhat irregular. It filled up on the 13th, after having given heavy rain to the whole of Southern India south of Lat. 16° N. Winds of force 7 and 8 were recorded by ships in the south of the Bay. It was a diffused storm throughout, and hence, although not a severe storm at sea, its advance inland was followed by an unusually extensive influx of moist winds, which gave general and heavy rain over the whole of Southern India and the greater part of the Deccan.

The monsoon current had advanced during this storm up the east of the Bay as far as the coasts of Arakan and Lower Burma, which began to receive monsoon rain from the 10th. Steep gradients were established over the Bay of Bengal from the 14th or 15th, and rain continued to fall in moderate amounts in Burma and on the Malabar Coast, but no further extension of the monsoon current took place for some time. Temperature increased in Upper India until the 28th, when the highest temperatures of the year were recorded. Weather was more or less disturbed over the whole of India during the last three days of the month. Rain fell in increasing amounts in Southern India, indicating the probable early northward extension of the monsoon current along the west coast. Numerous thunderstorms occurred in many parts of Bengal and the North-Western Provinces, and rain continued to fall steadily in Lower Burma. Hence, at the end of the month, the monsoon current was apparently established in South Madras and the Malabar Coast districts, and had advanced up the east of the Bay as far as Lat. 17° of 18° N., but the indications of its further advance were as yet feeble and doubtful, although the pressure conditions in Upper India had been, for at least a fortnight, favourable to the extension.

June.—The mean variation of pressure over the whole of India was —·015″. The local variations are given in the following table:—

Districts.	Positive anomaly.	Districts.	Negative anomaly.
Punjab	+·001″	N.-W. Provinces	—·005″
Rajputana	+·005″	Lower Bengal	—·030″
Chutia Nagpur	+·003″	Assam	—·031″
Central Provinces	+·016″	Orissa	—·012″
Konkan	+·017″	Arakan and Pegu	—·033″
Malabar	+·027″	Bay Islands	—·003″
Deccan	+·013″		
Carnatic	+·008″		
Ceylon	+·022″		

The positive variations exceeded ·025″ in the following cases:—

	Actual variation of mean from normal.	Local anomaly.
Colombo	+·014″	+·029″
Galle	+·021″	+·036″
Coimbatore	+·037″	+·052″
Calicut	+·010″	+·025″
Mangalore	+·020″	+·035″

and the negative variations exceeded ·03″ at—

	Actual variation of mean of month from normal.	Local anomaly.
Thyetmyo	—·063″	—·048″
Toungoo	—·064″	—·049″
Akyab	—·052″	—·037″
Burdwan	—·051″	—·036″
Dacca	—·051″	—·036″

The preceding data show that pressure was, as in the preceding three months, relatively in defect over the greater part of Northern India, and was in excess in North-Western India and the Peninsula. The greatest deficiency of pressure in June was in Burma, South Bengal, and the head of the Bay, whilst the greatest excess of pressure was in Ceylon, the Malabar Coast, and Southern India generally. The seat of greatest negative anomalies was hence transferred in June from the Punjab to the head of the Bay, and of the greatest positive anomalies from the Central Provinces and Khandesh to Ceylon and the Malabar. These changes were, however, as will be seen in discussing the anomalies of July and August, not permanent, and were apparently due to a temporary exaggeration of small abnormal pressure conditions existing previous to the advance of the monsoon current, and it is very probable that they were one of the effects of the rainfall accompanying that advance.

The following statement gives the larger fluctuations of the range of pressure or total gradient during the month :—

Hour and date.	Highest pressure in Ceylon or Southern India.	Lowest pressure in Upper India.	Total barometric gradient over India.
8 A.M., 1st June	29·85″	29 44″	·41″
„ 3rd „	·92″	·58″	·34″
„ 9th „	·95″	·57″	·38″
„ 14th „	·96″	·57″	·39″
„ 19th „	·93″	·46″	·47″
„ 22nd „	·87″	·48″	·39″
„ 25th „	·89″	·41″	·48″
„ 30th „	·1	·28″	·68″

The distribution of pressure and temperature and other meteorological conditions prevalent at the commencement of the month were such as usually immediately precede and accompany the setting in of the south-west monsoon in Northern India.

The current advanced northwards along the Bombay Coast in the first week of the month, and began to give rain to Bombay from the 5th. The first heavy fall of rain on that coast was not received until the 7th and 8th, and the humid current, although not very powerful, extended eastwards on the 9th and 10th, and gave light to moderate showers in the Central Provinces and Central India.

Very strong winds were blowing at the Ceylon Coast stations at the beginning of the month, and the Port Blair and Burma Coast stations showed that a strong current was advancing up the Bay. The barometer and wind observations at the same stations indicated

that a small depression was forming to the north-west of the Andamans. It developed to some extent during the next 24 hours and marched to the north-west. On the next day it began to diminish in intensity, but continued to advance towards the Orissa Coast, which it crossed as a diffused disturbance of little importance on the 5th, and filled up entirely during the next 24 hours. Its advance across the coast was followed by the extension of southerly winds over Bengal, which gave moderate rain until the 10th. The remarkable manner in which the storm collapsed in the north of the Bay was evidently due to the development or presence of very abnormal meteorological conditions in that area at the commencement of the month. This was shown even more strikingly by the weather of the next fortnight.

The advance of the monsoon current into Bengal in the first week of June was hence characterized by unusual weakness. A shallow depression had formed in the centre of the Bay, and at first appeared as if it might develope into a cyclonic storm. It, however, filled up again and was followed by a feeble advance of south-west winds into Bengal. These winds continued until the 12th or 13th in Bengal and were then replaced by local variable winds. During the next fortnight, or from the 13th to the 25th or 26th, winds were steadily from west-south-west at Diamond Island and east at Akyab. The barometric observations also indicated the existence during this period of a belt of slightly deficient pressure stretching from the Bay across Akyab or Arakan to Central Burma. This abnormal feature continued almost unchanged in character and position until the 25th or 26th. Very heavy rain fell in Lower Burma during this period, and abnormally dry and hot weather prevailed in Bengal. The Bombay current was also very weak during this period.

A rapid accession of strength of both currents commenced on the 25th. It was shown by the extension of the Bombay current over the Peninsula and into Upper India, and the occurrence of heavy rain over the whole area usually covered by it at the end of June. In the Bay of Bengal the humid current as it were broke through the obstruction, the existence of which was indicated by the trough of slightly deficient pressure in Central Burmah and at the Arakan Coast filled it up, and advanced rapidly on the 26th, 27th and 28th through Bengal and Behar into the North-Western Provinces. From that date until the end of August the pressure conditions were approximately normal in the Bay, but with, on the whole, somewhat stronger gradients than usual.

July.—The mean pressure of the month for the whole of India was practically normal in amount, being only ·005″ in excess. The local variations (freed from the general variation) are given in the following table:—

Districts.	Positive anomaly.	Districts.	Negative anomaly.
Konkan	+·014″	Punjab	—·021
Malabar	+·022″	N.-W. Provinces	—·010″
Deccan	+·009″	Western Rajputana	—·019″
Ceylon	+·016″	Central India	—·012″
Pegu	+·010″	Chutia Nagpur	—·012″
Carnatic	+·009″	Lower Bengal	—·017″
		Assam	—·010″
		Orissa	—·011″

The largest negative anomalies were as follows:—

Burdwan	—·022″	Lahore	—·023″
Patna	—·026″	Sialkot	—·018″
Berhampore	—·019″	Dehra Ismail Khan	—·036″
Dacca	—·019″	Mooltan	—·021″
Allahabad	—·022″	Peshawar	—·029″
Rawalpindi	—·036″		

The following gives the largest positive anomalies:—

Bellary	+·015″	Colombo	+·020″
Madras	+·009″	Poona	+·010″
Trichinopoly	+·010″	Coimbatore	+·039″
Madura	+·012″	Calicut	+·018″
		Mangalore	+·031″

These figures show that the features of diminished pressure in Northern India and of excessive pressure in the Peninsula were as strongly marked as in the previous five months. After the disappearance of the abnormal conditions at the head of the Bay in the fourth week of the preceding month, the pressure conditions reverted to those in existence previous to the month of June. Pressure was in defect over the whole of Northern India, and the deficiency was greatest in two areas, one in the Punjab, and the other included Bengal, Behar, and the eastern districts of the North-Western Provinces, and between these two areas was a belt in which the pressure was, on the whole, less deficient, and was at some stations in slight relative excess.

The pressure continued to be excessive in the Peninsula, but the excess was, as in June, greatest in Ceylon, the Malabar, and Konkan Coast districts, and in South Madras.

The following table gives the chief changes of the differences of pressure between Upper and Southern India or of the total baric gradients during the month of July:—

Hour and date.	Highest pressure in Ceylon or Southern India.	Lowest pressure in Upper India.	Total barometric gradient over India.
	Inches.	Inches.	Inches.
8 A.M., 1st July	29·99	29·34	·65
„ 3rd „	30·00	·54	·46
„ 9th „	29·96	·30	·66
„ 14th „	·91	·57	·34
„ 19th „	·97	·25	·72
„ 22nd „	·96	·59	·37
„ 25th „	·92	·22	·70
„ 31st „	·93	·58	·35

A large number of depressions originated at the head of the Bay or in Bengal during the month. Two were land-formed storms, and two formed near the head of the Bay. The following gives a brief account of each:—

Land-formed depression of 1st to 5th July.—This depression began to form in South-West Bengal on the 1st, and on the 2nd the centre lay between Berhampore and Burdwan. It advanced across the Sonthal Purgunnahs into Behar during the next 24 hours, and the centre was between Benares and Dehra on the morning of the 3rd. It then marched into the eastern districts of the North-Western Provinces. The centre was to the north of Allahabad

on the 4th, and south of Lucknow on the 5th. It filled up during the next 24 hours in Oudh and Rohilkand. This storm gave very heavy rain to the whole area over which it passed, *i.e.*, to South-West Bengal, South Behar, Chutia Nagpur, and the eastern districts of the North-Western Provinces. The following table gives the chief data of the storm :—

Date.	Observing station nearest to centre on date.	Lowest barometer.	Variation from normal.	Heaviest rainfall of previous 24 hours in storm area.
1st	Burdwan	29·518″	—·109″	4·15 inches.
2nd	Berhampore	29·499″	—·124″	3·05 „
3rd	Benares	29·501″	—·085″	2·90 „
4th	Allahabad	29·420″	—·139″	3·00 „
5th	Lucknow	29·448″	—·112″	5·60 „

Cyclonic storm of 11th to 15th July.—The barometer began to fall rapidly at the head of the Bay on the 11th, and the winds shifted round to north-east on the Bengal and Orissa Coasts. On the 12th a small depression had formed to the east of the Ganjam Coast. It intensified considerably during the next 36 hours, and the centre crossed the coast on the evening of the 13th between Pooree and Gopalpur. It advanced in a west-north-west direction across the hills, and was probably in about Lat. 19° 30′ N. and Long. 84° 30′ E. at 8 A.M. of the 14th. During the next 24 hours it was rapidly transferred to the north-west, at the same time filling up. It was a very shallow depression on the morning of the 15th, and covered the area between the stations of Saugor, Sutna and Jhansi, but the wind directions already indicated that there was no definite centre. It was apparently absorbed into the area of permanent low pressure in Sind and West Rajputana during the day. It gave moderate rain over its track on land. Stormy weather was experienced near the head of the Bay on the 12th, 13th and 14th. The *City of Cambridge* had a heavy gale with hard squalls (force of wind 10) on the 13th, and the *Tibre* a strong gale (force of wind 9) with an extremely high sea on the 12th. The following gives data of the storm :—

Date.	Observatory nearest to storm centre on date.	Lowest barometer on date.	Variation from normal.
		Inches.	Inches.
July 12th	Gopalpur	29·564	—·025
„ 13th	Gopalpur	29·512	—·064
„ 14th	Gopalpur	29·490	—·086
„ „	Sambalpur	29·482	—·073
„ 15th	Sutna	29·526	—·043
„ „	Jhansi	29·529	—·014

Depression of the 18th to 23rd July.—The first indications of this storm were shown by the observations on the morning of the 18th at the Bengal and Orissa Coast stations. On the morning of the 19th a small depression lay to the east and east-south-east of Saugor Island, and the centre was probably not more than 20 miles to the south of the coast of the Sunderbans. The storm then advanced in a west-north-west direction, a little to the north

of Saugor Island about 3 P.M., and was near Midnapore at 8 A.M. of the 20th. It travelled more rapidly during the next 24 hours, and was between Benares and Dehree on the morning of the 21st, and between Allahabad and Sutna on the morning of the 22nd. It filled up during the next 48 hours in the eastern districts of the North-Western Provinces. It gave a hard gale at the head of the Bay, and the pilot brigs and light-vessels reported winds of force 8 to 10. Very heavy rain was received during the storm in South-West Bengal, South Behar, Chutia Nagpur, and the eastern districts of the North-Western Provinces.

The following table gives the more important data of the storm :—

Date.	Ship or observatory nearest the storm centre on date.	Lowest observed barometer on data.	Variation from normal.
		Inches.	Inches.
18th	F. L. V. *Meteor*	29·578	—·020
18th	Saugor Island	·551	—·047
19th	Saugor Island	·496	—·088
20th	Saugor Island	·476	—·090
20th	Midnapore	·484	—·090
21st	Benares	·526	—·026
22nd	Jhansi	·555	+·011

Land formed depression of the 24th to 31st July.—Between the 24th and 28th there was almost continuous and general heavy rainfall in South Behar and the eastern districts of the North-Western Provinces, which preceded and accompanied the formation of a depression and cyclonic circulation in that area. The rainfall was heaviest on the 24th and 25th in the eastern districts of the North-Western Provinces, and on the morning of the 26th a small shallow depression and cyclonic circulation was shown between Allahabad and Benares. It was unchanged in position on the 27th. The centre now began to move very slowly. It was west of Allahabad on the 28th, between Agra and Jhansi on the 29th, west of Jhansi on the 30th, and south of Jeypore on the 31st. This storm gave very heavy rain in Behar and the eastern districts of the North-Western Provinces. It filled up slowly in Central Rajputana in the beginning of August.

The following table gives data of this storm :—

Date.	Observatory nearest to centre on date.	Lowest barometer on date in storm area.	Variation from normal.
26th	Allahabad	29·464″	—·071″
27th	Benares	29·465″	—·088″
28th	Allahabad	29·469″	—·075″
29th	Agra	29·520″	—·027″
29th	Jhansi	29·535″	—·032″
30th	Jhansi	29·550″	+·009″
31st	Jhansi	29·574″	+·030″
31st	Jeypore	29·592″	+·043″

August.—The mean pressure of the whole of India for the month was ·006″ in defect. The local anomalies were larger than in the preceding month, but were similar in character. They are given in the following table :—

Districts.	Positive anomaly.	Districts.	Negative anomaly.
Konkan	+·018″	Punjab	—·012″
Malabar	+·040″	N.-W. Provinces	—·013″
Deccan	+·014″	Central India	—·012″
Carnatic	+·022″	Chutia Nagpur	—·033″
Ceylon	+·033″	Bengal	—·049″
Burma	+·005″	Assam	—·021″
Bay Islands	+·014″	Orissa	·022″
		Central Provinces	—·002″

The anomalies were large and well defined. Pressure was relatively in defect over the whole of Northern India, and the deficiency was greatest in Bengal, Behar and Chutia Nagpur. The area of greatest deficiency is shown more clearly by the following table, giving the stations at which the deficiency or negative anomalies exceeded ·03″:—

	Local variation.		Local variation.
Dhubri	—·030″	Burdwan	—·061″
Patna	—·033″	Jessore	—·042″
Hazaribagh	—·033″	Calcutta	—·054″
Berhampore	—·051″	Saugor Island	—·044″

The area of greatest relative deficiency of pressure hence formed an elongated belt stretching from South-West Bengal across the Sonthal Pergunnahs into South and Central Behar.

Pressure was relatively in excess over the whole of the Peninsula. The excess was most marked in Ceylon and in the south of the Peninsula, and was greatest at the following stations :—

	Local variation.		Local variation.
Colombo	+·040″	Galle	+·048″
Coimbatore	+·048″	Karwar	+·035″
Calicut	+·044″	Ratnagiri	+·035″
Cochin	+·032″		

The excessive pressure was hence most strongly shown in Ceylon and the Malabar and Konkan Coast districts, and diminished in amount northwards.

The following table gives the larger fluctuations in the range of pressure or total pressure gradient over India during the month of August. The range of pressure was considerably above the normal during the greater part of the month.

Hours and date.	Highest pressure in Southern India.	Lowest pressure in Upper India.	Range of pressure or total (S.W. monsoon) gradient on date.
	Inches.	Inches.	Inches.
8 A. M., 1st August	29·94	29·58	·36
„ 6th „	29·95	29·40	·55
„ 9th „	29·89	29·57	·32
„ 11th „	29·90	29·39	·51
„ 16th „	29·97	29·46	·51
„ 30th „	29·97	29·54	·43

From the 11th to the 30th the fluctuations were rapid and small in amount.

Both currents blew steadily during the month, and the Bay of Bengal current was unusually strong. The rainfall of the month was hence above the average over the whole of Northern India and Burma, but was generally below it in North-Western India and the Peninsula.

Three storms formed during the month. The last of these was a much larger and more intense cyclonic storm than usually occurs in August, and was characterized by several important features. A full account of this storm has been prepared for publication in the *Cyclone Memoirs, Part II.*

The chief feature in the distribution of pressure at the commencement of the month was the small residual depression in East Rajputana between Agra, Jeypore, and Jhansi which was almost stationary at this time and did not fill up completely until the 4th. It was described in the pressure remarks for the month of July. Its disappearance was immediately followed by the formation of another storm at the head of the Bay.

Depression and cyclonic storm of 5th to 10th August.—The barometer began to fall rapidly in South Bengal and Orissa on the 4th, and a small depression was in existence between Saugor Island and False Point on the 5th. It was stationary until the 8th, and apparently did not increase at all in intensity during this period. It crossed the coast to the west of Saugor Island and drifted slowly in a west-north-west direction through the Midnapore district into the Singhbhum and Manbhum districts of Chutia Nagpore on the 10th, where it apparently filled up during the day. It was throughout a very feeble disturbance.

Land formed depression of 15th to 23rd August.—The Bombay current was blowing strongly across the head of the Peninsula at the end of the second week of August, and advanced across Chutia Nagpur into Behar to which it gave westerly humid winds. The conditions in West Bengal were hence abnormal, as strong westerly winds from the Arabian Sea extended as far east as Behar, Chutia Nagpur and Orissa, and very strong humid southerly and easterly winds from the Bay of Bengal advanced at this time chiefly into East and North Bengal. Heavy rain began to fall steadily in South-West Bengal on the evening of the 13th, and an area of low pressure and cyclonic circulation was formed during the afternoon of the 14th. The centre was in the Sonthal Pergunnahs (north-west of Burdwan) on the 15th and 16th. It marched slowly westwards, and the

centre was near Gya of the morning of the 17th. The depression gave excessive rain to Chutia Nagpur and South Behar at this time. It now advanced more rapidly across the head of the Peninsula. The centre was in Bundelkhand between Sutna and Nowgong on the 18th, to the south-west of Jhansi on the 19th, and passed a little to the south of Neemuch on the morning of the 20th. The depression then began to fill up, but was clearly marked on the morning of the 21st, when it was entering Lower Sind, and the centre was west of Deesa. It passed to the north and north-west of Kurrachee on the 22nd but was then of little importance, and probably disappeared in South Beluchistan on the 23rd. It was thus a well-defined storm throughout the whole of its existence from the 15th to the 23rd, and crossed from the Sonthal Pergunnahs to South Beluchistan (a distance of about 1,400 miles) in seven days, and hence moved at an average rate of nearly 9 miles per hour.

The following table gives data of the storm :—

Date.	Observatory nearest to storm centre on date.	Lowest barometer.	Variation from normal.	Heaviest Rainfall in storm area on date.
15th August 8 A.M.	Burdwan	29·616″	—·026″	9·88 inches.
4 P.M.	Do.	29·542	—·017	
16th „ 8 A.M.	Burdwan	29·560	—·092	5·50 „
17th „ 8 „	Gya	29·530	—·122	7·09 „
18th „ 8 „	Sutna	29·512	—·133	5·31 „
4 P.M.	Do.	29·447	—·099	
19th „ 8 A.M.	Jhansi	29·508	—·089	6·55 „
4 P.M.	Do.	29·463	—·068	
20th „ 8 A.M.	Neemuch	29·526	—·146	8·69 „
4 P.M.	Do.	29·522	—·075	
21st „ 8 A.M.	Deesa	29·564	—·146	7·80 „
4 P.M.	Bhuj	29·473	—·166	
22nd „ 8 A.M.	Kurrachee	29·595	—·075	1·29 „
4 P.M.	Do.	29·511	—·095	

Whilst this storm was passing westwards across the head of the Peninsula, a storm began to form at the head of the Bay, which gave, in its rear, the strongest south-westerly gales at the Sandheads and entrance to the Hooghly that have been experienced in the south-west monsoon months of July and August for many years. The following brief account is drawn from the history of the storm prepared by Mr. Pedler, Meteorological Reporter to the Government of Bengal for publication in the *Cyclone Memoirs*.

Cyclonic storm of the 19th to 29th August.—The first indications of the storm were shown at the Bengal Coast stations on the afternoon of the 18th, when the winds shifted round to north, although the barometer was rising in consequence of the westward march of the previous depression across Chutia Nagpur and Central India. The cyclonic

storm formed quite close to the coast, and its existence was plainly indicated by the wind directions on the morning of the 19th. It was nearly stationary during the next 48 hours and developed rapidly. The centre was near and to the south-east of Saugor Island on the 21st. It then began to move very slowly to the north-west. The centre crossed the coast during the night and was a little to the north of Saugor Island on the morning of the 22nd, and near Calcutta on the 23rd. The barometer was falling rapidly at that time in South Bengal, and the depression at the centre intensifying. The most remarkable feature was the extraordinary lightness of the winds over a large area near the centre of the air circulation, more especially when compared with the strength of the south-westerly winds now prevailing at the head of the Bay. The average wind velocity at Saugor Island for the 22nd was 19 miles, at False Point 12 miles, and at Calcutta 9 miles, the normal velocities in August at these stations being 12, 10 and 5 miles, respectively. Again, on the morning of the 23rd, when the centre was near Calcutta, the velocity of the wind was only 13 miles at Saugor Island, 9 miles at Calcutta, and 12 miles at Jessore. At the same time winds almost of hurricane force (10 and 11) were being experienced by vessels at the head of the Bay. Very heavy rain was now falling over the whole of South-West Bengal and Orissa, and falls of 6 and 7 inches were reported for the previous 24 hours at several stations. The storm began to move more rapidly on the afternoon of the 23rd. It advanced in a northerly direction, and at 8 A.M. of the 24th the centre was about 25 miles to the north-north-west of Calcutta. The wind now increased very rapidly in force in the Bengal Coast districts, and blew steadily from south-west during the night. The anemometer at Saugor Island registered 72 miles of wind between 4 and 5 A.M. of the 24th, when the gale was at its highest. At Calcutta no marked increase of wind was noticeable until 3 A.M. of the 24th, when the velocity was 10 miles per hour. At 4 A.M. it had increased to 20 miles, and at 8 A. M. to 34 miles an hour—a very high velocity at an inland station crowded with trees which break the force of the wind near the earth's surface. At 10 A.M. of the 24th the centre was near Kishnaghar. The storm had intensified considerably during the previous 24 hours, and changed its character to a remarkable extent. On the 23rd winds were very light at all stations within 60 or 70 miles from the centre, and some stations even reported calms on the morning of the 24th. Strong winds were, on the other hand, blowing at and near the centre and over the whole storm area on the 24th. The centre recurved slightly to the west and passed into the Sonthal Pergunnahs on the evening of the 24th, and at 8 A.M. of the 25th the centre was a little to the west of Nya-Doomka. On the 26th the storm was in Central Behar, and on the 27th the centre was to the east of Patna. The storm now began to fill up. It passed into the eastern districts of the North-Western Provinces on the 28th; the centre was midway between Gorakhpur and Benares at 8 A.M. of that day. The depression filled up almost entirely, but the wind directions showed a residual cyclonic circulation in Oudh and the eastern districts of the North-Western Provinces for 48 hours longer, but on the 31st it intensified slightly again, and there was a fairly well marked depression and cyclonic circulation, the centre of which was between Allahabad, Lucknow and Gorakhpur on the 31st August and 1st of September. It again began to fill up, and finally disappeared on the night of the 1st. The rainfall in the whole area covered by the storm during its advance was very heavy. Over the greater part of the storm area falls

exceeding 4 or 5 inches in 24 hours were very numerous, and falls exceeding 10 inches were not uncommon. The more remarkable were—

Station.	Date.	Rainfall in inches.
Mohesreka	24th	15·42
Dum-Dum	24th	12·36
Howrah	24th	11·66
Saugor Island	24th	11·14
Alipore	24th	10·19

The following table gives the more important data of the storms:—

Day.	Hour.	Position of Storm Centre.		Lowest barometer observed in storm area on day.	Variations from normal of day.	Average rate of motion in miles per hour.
		Latitude. N.	Longitude. E.			
August 20th	8 A.M.	21° 10′	88° 40′	29·587″	—·079″	...
„ 21st	„	21° 23′	88° 31′	·672″	0	...
„ 22nd	„	22° 0′	88° 36′	·530″	—·153″	2
„ 23rd	„	22° 38′	88° 34′	·423″	—·239″	2
„ 24th	„	23° 16′	88° 31′	·383″	—·304″	2
„ 25th	„	24° 15′	87° 42′	·553″	—·106″	3
„ 26th	„	24° 57′	86° 48′	·621″	—·046″	3
„ 27th	„	25° 33′	85° 18′	·476″	—·217″	4
„ 28th	„	26° 2′	84° 0′	·563″	—·126″	4
„ 29th	„	26° 38′	82° 10′	·601″	—·095″	5

September.—Pressure was excessive during the greater part of the month over the whole of India, and the mean of the month was ·037″ above the normal average. The following table gives the local variations freed from the general variation:—

Districts.	Negative anomaly.	Districts.	Positive anomaly.
Malabar	—·027″	Punjab	+·002″
Deccan	—·010″	N.-W. Provinces	+·017″
East Coast	—·018″	West Rajputana	+·018″
Ceylon	—·024″	Central India	+·023″
Burma	—·024″	Chutia Nagpur	+·013″
Tenasserim	—·026″	Bengal	+·013″
Bay Islands	—·028″	Assam	0
		Orissa	+·007″
		Konkan	+·015″

The termination of the rains frequently witnesses a complete change in the pressure conditions or barometric anomalies of India. The Bombay monsoon current was apparently weaker than usual throughout the rains, and withdrew from Upper and Central

India much earlier than usual. A remarkable storm gave heavy rain to a portion of Central and Upper India in the third week of the month, and after it filled up on the 20th, the rains ceased over the whole of that area, and a rapid change of weather ensued. The barometer rose with much greater rapidity than usual; and cold weather pressure, temperature and humidity conditions were hence established very early in the season.

The most prominent effect of the early withdrawal of the monsoon currents from Upper India was the reversal of the pressure relations which had previously existed between Northern India and the Peninsula. Pressure was now relatively in excess over the whole of Northern India, and more especially in the North-Western Provinces, Behar, Central India, Rajputana, Sind, Guzerat and Kattiawar, or practically over the area of heaviest rainfall during the preceding ten months. The following stations define the area of greatest excess of pressure :—

	Local anomaly.		Local anomaly.
Ghazipur	+·036″	Sutna	+·035″
Agra	+·027″	Sambhar	+·037″
Lucknow	+·029″	Ajmere	+·031″
Delhi	+·027″	Bhuj	+·043″
Roorkee	+·017″	Jacobabad	+·027″
Meerut	+·028″	Surat	+·037″
Sambalpur	+·029″		

Pressure was relatively in defect over the Peninsula generally, to nearly as large an extent as it had hitherto been in excess. The deficiency was greatest in Ceylon, Malabar and South Madras, more especially at the following stations :—

	Deficiency.		Deficiency.
Cochin	—·041″	Calicut	—·034″
Colombo	—·024″	Trichinopoly	—·029″
Madras	—·018″		

The following table gives the larger fluctuations of the range of pressure or total gradient over India during the month :—

Hours and date.	Highest pressure in Southern India.	Lowest pressure in Upper India.	Range of pressure for total (S. W. monsoon) gradient on date.
8 A.M. 1st September	29·95″	29·60″	·35″
„ 6th „	·92″	·73″	·19″
„ 9th „	·92″	·65″	·27″
„ 11th „	·94″	·77″	·17″
„ 30th „	·98″	·72″	·26″

Depression and feeble cyclonic storm of the 2nd to 11th September.—This depression began to form at the head of the Bay at the commencement of the month, and its existence was first indicated by the rapid fall of the barometer on the Arakan Coast, and the setting in of north-east winds at Saugor Island and False Point on the 2nd and 3rd. The depression intensified slightly on the 4th and 5th, and gave rise to squally weather at the head of the Bay. The disturbance was irregular and ill-defined. On the

morning of the 6th it was in the immediate neighbourhood of the Orissa Coast. The centre crossed the coast near False Point on the afternoon of the 6th, and the disturbance advanced rapidly in a west-north-west direction and crossed the north-east districts of the Central Provinces and Chutia Nagpur on the morning of the 7th. It thence passed into the eastern districts of the North-Western Provinces. The centre was south of Benares on the morning of the 8th, north-north-east of Allahabad on the morning of the 9th, and near Gorakhpur on the morning of the 10th, when the disturbance was breaking up. A slight residual depression overlay the whole of the eastern districts of the North-Western Provinces on the 11th and 12th. It finally disappeared on the morning of the 13th. The storm gave moderately heavy rain to Bengal, Orissa, the Central Provinces, Chutia Nagpur, and Behar. The chief feature of the storm was the excessive rain it gave to the eastern districts of the North-Western Provinces, more especially on the 9th, 10th and 11th. The following gives the heaviest recorded rainfalls on each day of its existence in the storm area.

Heaviest rainfall in inches on each day from September 6th to 11th in the storm area (Rainfalls exceeding 3 inches are only given.)

District.	Station.	Sep. 6th.	Sep. 7th.	Sep. 8th.	Sep. 9th.	Sep. 10th.	Sep. 11th.
Balasore	Balasore	4·65	...	...	...	...	...
Hazaribagh	Karagdeha	...	4·30	...	...	...	...
Moorshedabad	Akhriganj	6·52	...	...	...	...	...
Azamgarh	Deogan	...	...	7·00	...	...	...
	Mahul	...	...	4·90	...	...	...
	Azamgarh	...	...	3·30	...	...	...
	Jiwanpur	...	...	...	3·40	...	...
Mirzapur	Robertsganj	...	...	3·29	...	...	...
Basti	Khalilabad	...	...	...	...	3·60	...
	Basti	...	...	...	...	8·27	...
	Harraiya	...	...	...	3·73	6·40	...
	Bansi	...	...	...	3·07	19·60	4·45
	Domariaganj	...	...	...	3·70	9·40	...
Gorakhpur	Moharajganj	...	...	...	...	8·00	10·00
Ghazipur	Sayidpur Bhitan	...	...	5·80	...	...	...
	Zamaniah	...	...	3·40	...	...	...
	Ghazipur	...	...	4·70	...	...	...
Bara Banki	Sanchighat	...	...	...	5·70	3·70	...
	Haidargarh	...	...	...	3·30	...	...
Fyzabad	Fyzabad	...	...	...	6·64	...	...
	Akbarpur	...	...	...	4·00	4·70	...
	Bikapur	...	...	...	4·80	3·40	...
	Tanda	...	...	...	...	5·50	...

Heaviest rainfall in inches on each day from September 6th to 11th in the storm area (Rainfalls exceeding 3 inches are only given)—continued.

District.	Station.	Sep. 6th.	Sep. 7th.	Sep. 8th.	Sep. 9th.	Sep. 10th.	Sep. 11th.
Gonda	Tarabganj	...	...	...	4·20	...	...
	Atraula	...	...	...	3·70	5·90	8·90
Rae Bareli	Salone	...	...	...	5·60	...	...
Sultanpur	Amethi	...	...	...	3·10	...	...
	Musafirkhana	...	...	..	3·20	...	...

The following extract from the *Pioneer* shows that even heavier rainfalls were recorded on the 10th and 11th in some parts of the Gorakhpur districts than are indicated by the Departmental rainfall reports:—

"There was an extraordinary and almost unprecedented fall of rain in the Lehra Pergunnah, Gorakhpur district, on Sunday and Monday last, when about 30 inches fell in 24 hours. It is believed that all the protective and irrigation bunds on the great Lehra estate owned by Mr. Bridgman have been swept away. The rupture of one of these great bunds has partly destroyed the Bengal and North-Western Railway bridge over the Powa river, whilst a similar injury to another bund, some 4 miles long and from 15 to 20 feet high, erected by Mr. Bridgman to control the Ghunghi and Kura streams and to protect his Sarowlie property from floods, has submerged a large area of country between Bridgmanganj and Uska Bazar, and carried away a small railway bridge, blocking all traffic on the branch line for the moment. The Post Office at Bela Haraia and many villages have been wrecked."

Cyclonic storm of the 13th to the 20th September.—This was, in some respects, one of the most remarkable storms of the year. It is the first storm of the Bay of Bengal on record which did not originate in the Bay itself. It crossed the Tenasserim Hills, probably from the Gulf of Siam. It began to affect the weather in Lower Burma on the 12th September. On the morning of the 13th the centre was crossing the Tenasserim Hills to the north-east of Tavoy. It advanced across the Gulf of Martaban into the south-west districts of Lower Burma during the next 24 hours. The centre was between Bassein and Diamond Island at 8 A.M of the 14th, and was hence crossing the Bassein Hills. It passed next into the Bay of Bengal during the morning, and advanced in a west-north-west direction across the head of the Bay at an average rate of about 14 miles per hour. The centre was in about Lat. 18° 30′ N. and Long. 90° 0′ E. at noon of the 15th. No ships were near the centre at this time, but the observations indicated that the storm increased rapidly in intensity during the day. It passed over the F. L. V. *Coleroon* and *Canopus* late in the afternoon. They experienced hurricane winds (force 12), and a tremendous sea. The centre crossed the Orissa Coast at False Point at 2-30 A.M. of the 16th. The barometer fell to 28·85″ at that station when the centre passed over it. The wind blew with hurricane force from 3 A.M. to 5 A.M. and when daylight broke, the station was found to be a perfect wreck and the sea resembled a caldron seething with foam.

The storm continued to advance at the same rate across Orissa, and at 8 A.M. was to the west of Cuttack, and crossing the Orissa Hills to the west of that station. At 4 P.M. the centre was near Sambalpur in Lat. 20° 45′ N. and Long. 83° 30′ E. It marched in a westerly direction across the Central Provinces during the evening and night at an average rate of about 13 miles an hour, and the centre was between Nagpur and Raipur, in about Lat. 21° 15′ N. and Long. 80° 30′ E. at 8 A.M. of the 17th. The storm had up

to this point been maintained by the Bengal current. The Bombay current had already retreated from Upper and Central India, and was not influenced by the approach of the storm. As it failed to feed into the storm, the centre moved in a westerly direction for some hours with diminishing velocity, and was in Lat. 21° 15′ N. and Long. 79° 15′ E. at 4 P.M. of the 17th. It remained almost stationary during the evening and night of the 17th, whilst the barometer fell rapidly to the northwards. Heavy rain was also received in the same area. The centre was in Lat. 21° 40′ N. and Long. 78° 30′ E. at 8 A.M. of the 18th, and was then commencing to advance in a northerly direction. The storm centre hence recurved from west through north-west to north during the night of the 17th. It advanced during the remainder of its existence almost due northwards at an average rate of about 11 miles, and was near Jhansi on the morning of the 19th, Agra on the afternoon of the same day, and Meerut on the morning of the 20th. It continued to march northwards and passed across the lower elevations of the Mussooree and Simla Hills, and broke up apparently near the first line of snows. A full history of the storm is given in the *Cyclone Memoirs, Part III.*

The following table gives data of the storm and of the position of the centre of the barometric depression at 8 A.M. of each day of its existence:—

Date.	Position of Storm Centre.		Rate of motion during preceding interval.	Average rate of motion in miles per hour.
	Latitude.	Longitude.		
September 13th, 8 A. M.	14° 44′ N.	99° E.	...	...
„ 14th, „	16° 30′ N.	93° 26′ E.	320	13
„ 15th, „	18° 23′ N.	90° 2′ E.	320	13
„ 16th, „	20° 27′ N.	85° 20′ E.	332	14
„ 17th, „	21° 16′ N.	80° 28′ E.	320	13
„ 18th, „	21° 42′ N.	78° 32′ E.	125	5
„ 19th, „	25° 2′ N.	78° 6′ E.	235	10
„ 20th, „	28° 55′ N.	77° 36′ E.	270	11

Date.	Place where lowest barometer was observed in storm area on given date.	Lowest barometer observed in storm area on day and hour named.	Difference from normal.
September 13th, 8 A. M.	Tavoy	29·643″	—·178″
„ 13th, „	Mergui	29·694″	—·308″
„ 14th, „	Diamond Island	29·567″	—·281″
„ 15th, 4 P. M.	Ship Frankistan in Lat. 16° 37′ N. and Long. 88° 18′ E.	29·50″	—·330″
„ 2·30 A. M.	False Point (Hookeytollah)	28·85″	—·796″
„ 16th, 8 A. M.	Cuttack	29·375″	—·337″
„ 17th, „	Nagpur	29·503″	—·247″
„ 17th, „	Raipur	29·505″	—·214″
„ 18th, „	Nagpur	29·527″	—·223″
„ 19th, „	Jhansi	29·516″	—·227″
„ 20th, „	Meerut	29·627″	—·109″

One of the more remarkable features of the storm was the very heavy rainfall it gave over the whole of its track. The rainfall increased as it advanced over Central and Northern India, and was most intense in the neighbourhood of the hills just before breaking up.

The following table gives the heaviest rainfalls observed in the storm area on each day of its existence:—

Date.	District.	Station.	Amount.
			Inches.
13th	.....	Tavoy	5·25
14th	.....	Port Blair	5·00
16th	Pooree	Cuttack	3·40
		False Point	4·46
17th	Raipur	Dong	3·50
	Betul	Chicholi	6·22
		Badnur	4·02
18th	Betul	Multai	9·29
		Chicholi	7·23
	Hoshangabad	Pachmarhi	6·38
19th	Agra	Itimadpur	9·00
		Fatehabad	7·00
		Agra	6·00
		Saharanpur	8·20
		Roorkee	9·50
20th	Saharanpur	Nakur	7·50
		Hardwar	7·50
		Muhammadpur	7·50

The *Calcutta Gazette* of the 20th stated that in consequence of heavy rain for some time previously 150 square miles of country were flooded in the Burdwan district, and that much damage had been done from a similar cause in the Midnapore district. The barometer rose rapidly after the dispersion of this storm and gradients diminished slowly for some days and fine dry weather prevailed generally in Northern India.

October.—Pressure was as largely in excess over the Indian land area in October as in September. The mean of the month was ·039″ above the normal. The following table gives the local variations:—

Districts.	Positive anomaly.	Districts.	Negative anomaly.
Punjab	+·012″	West Rajputana	—·004″
N.-W. Provinces	+·010″	Lower Bengal	—·003″
Central India	+·012″	Assam	—·008″
Chutia Nagpur	+·010″	Konkan	—·002″
Orissa	+·009″	Malabar	—·018″
Central Provinces	+·014″	Deccan	—·001″
		East Coast	0
		Ceylon	—·025″
		Burmah	—·011″
		Bay Islands	—·006″

The local pressure anomalies of the month of October were hence similar in character, but generally smaller than those of the preceding month, so that the first effect of the termination of the rains and the setting in of pronounced cold weather conditions in Northern India was to smooth down inequalities and to equalize conditions over the whole Indian area. The anomalies exceeded ·01″ in five districts only, *viz.*, Ceylon and Malabar, where there was a largish deficiency; Central India and the Punjab, where there was a small excess; and Burma, where there was an equal small deficiency.

The deficiency in Burma was due to persistent low pressure over Lower Burma, and the Andaman Sea during the first three weeks of the month. It suddenly gave way about the 21st, when the area of lowest pressure was transferred from that area to Southern India. It may be noted that it was not until after this depression in Burma had filled up that the north-east monsoon rains commenced on the Madras Coast.

The Bay of Bengal was more free from cyclonic storms than usual. Two formed during the month, of which the first was a small storm of moderate intensity, and the second a large and intense cyclone.

Cyclonic storm of 1st to the 9th October.—The monsoon current retreated from the North-Western Provinces and Behar at the end of September, and hence nearly a fortnight earlier than usual. Northerly winds set in at the head of the Bay on the 30th. The south-west monsoon was blowing strongly in the south-east of the Bay, and a storm commenced to form to the south-west of Diamond Island on the 1st of October. It was almost stationary during the next 48 hours, and increased considerably in intensity. It began to advance slowly to the north-west on the afternoon, and the centre was in about Lat. 16°40′ N. and Long. 90°20′ E. at noon of the 4th; and in Lat. 18° 25′ N. and Long. 88° E. at noon of the 5th. It then began to recurve towards east, and at 8 A.M. of the 6th was 75 miles to the south-east of Saugor Island and marching in a north-north-east direction. It crossed the coast about midnight of the 6th, midway between Saugor Island and Chittagong, and was to the north-east of Dacca at 8 A. M. of the 7th. The storm was now approaching the Assam hills, and it broke up during the evening of the 8th so completely that no trace of its existence as a cyclonic circulation was shown by the 8 A. M. observations of the 8th. It gave strong winds and very heavy rain to East Bengal.

The following gives data of the storm:—

Date.	Place where lowest barometer was observed in storm area on given date.	Lowest barometer observed in storm area on day.	Variation from normal.
		Inches.	Inches.
October 1st, 8 A.M.	Diamond Island	29·776	—·095
„ 2nd, „	Ditto	·791	—·131
„ 3rd, „	Ditto	·795	—·109
„ 4th, „	Ditto	·843	—·055
„ 5th, „	False Point	·795	—·058
„ 6th, „	Saugor Island	·740	—·130
„ 7th, „	Dacca	·694	—·155
„ 8th, „	Silchar	·723	—·168

The disturbed weather and Cyclones of 26th October to 10th November.—Fine weather prevailed over the whole of India from the 10th to the 20th of October. Light north-east winds blew across the Coromandel Coast, but gave practically no rain. These winds strengthened rapidly on the 21st and rain began to fall in the coast districts and extended quickly into the interior. Weather was squally with winds varying in force from 3 to 6 over the south-west of the Bay. Rain continued to fall steadily until the 25th, when it began to diminish in amount. The logs of vessels show that in a small area to the west and north-west of the Nicobars the winds at that time were variable, heavy rain was falling and weather becoming more and more squally. A small depression formed in this area which was the nucleus of the cyclonic storm. On the 27th a well defined cyclonic circulation was established, the centre of which was in Lat. 10¾° N. and Long. 90¾° E. It began to advance to the west-north-west. There was no vessel in the storm area during the next three days, and hence the positions assigned to the centre for this period are only approximate. It was in Lat. 11° N. and Long. 90° E. at noon of the 28th, Lat. 11¾° N. and Long. 88¾° E. on the 29th, and in Lat. 12¼° N. and Long. 86° E. on the 30th. The storm was now a cyclone of considerable intensity, and marching at a rate of nearly 8 miles per hour. The centre was in Lat. 13° N. and Long. 82° E. at noon of the 31st. During that day several vessels encountered the strength of the storm, including the S.S. *Sirsa*, *Bhandara*, &c. The lowest reading of the barometer taken on board these vessels was 28·82″ on board the *Sirsa*. The vessels mentioned above experienced hurricane winds (force 11—12) for periods varying from 3 to 8 hours. One peculiarity of the storm was the very strong easterly winds in the northerly quadrant, at distances of 200 to 250 miles from the centre. The centre crossed the coast at Madras at 10-30 P.M. of the 31st. The lowest reading of the barometer (corrected) at Madras was 28·87″. The strength of the winds near the centre was so great as to blow over a passenger train on the South Madras Line at Chingleput about 30 miles to the south of Madras. The storm filled up with unusual rapidity, and its velocity decreased very greatly during the night of the 31st. At 8 A.M. of the 1st the centre was probably not more than 60 miles to the west-north-west of Madras. The 4 P.M. observations of that day show that the storm had nearly filled up and that the centre had not advanced more than 20 or 30 miles to the west since 8 A.M. The cyclonic storm hence almost certainly broke up in Mysore on the evening of the 1st, but a residual disturbance appears to have been propagated westwards. For some days previously weather had been very unsettled and squally in the Arabian Sea. South-west winds prevailed over the whole of the southern portion of that sea, and steamers between Colombo and Aden at that time experienced strong south-west winds and a high sea. In the north of the Arabian Sea steady and strongish north-east winds were blowing. Between the two areas in which these winds from opposite directions were blowing was a belt or trough of low pressure, in which the weather was very squally and threatening. The P. and O. Mail Steamer in Lat. 15° 40′ N. and Long. 56° 45′ E. early on the morning of the 2nd had such threatening weather that all preparations were made for encountering a cyclone. The disturbance propagated westwards after the breaking up of the cyclonic storm in Mysore on the 1st was absorbed into the eastern portion of this trough of low pressure on the 3rd. The depression slowly deepened and the squally disturbed weather intensified into a cyclonic storm during the 4th, 5th and 6th. During this period the depression was

almost stationary as is generally the case in the initial stages of cyclone formation. The centre was approximately in Lat. 16° N. and Long. 68° E. during this period. It began to move to the north-east on the 7th, and at noon of the 8th was in Lat. 18° N. and Long. 68¾° E. It crossed the coast of Kathiawar about 8-30 A.M. of the 9th between Verawal and Mangrol, and advanced through Kathiawar during the day. Its centre was approaching the Mount Abu range of hills on the morning of the 10th, but during the preceding 24 hours it had filled up to a great extent. The disturbance was apparently deflected by these hills, and advanced northwards as a shallow depression. It gave cloudy weather to Sind and in the South-West Punjab on the 11th. It filled up on the 12th, and fine weather set in in North-West India. The breaking up of the storm was followed by the transmission of a very slight disturbance across the head of the Peninsula. There was no definite depression or cyclonic circulation, but the occurrence of light showers in the Central Provinces on the 13th and 14th, in the eastern districts of the North-Western Provinces, Behar and Chutia Nagpur on the 14th and 15th, and in Bengal on the 15th and 16th shows clearly that a slight disturbance was propagated eastwards on the breaking up of the cyclonic storm. The disturbed weather of which the two cyclones formed the chief features hence extended from the 25th October to the 16th November, or upwards of three weeks.

The first of these two cyclones gave excessive rain to the Coromandel Coast districts of Nellore, Chingleput, Madras and North Arcot.

The second cyclone gave a moderately heavy burst of rain to Kathiawar and Cutch.

The following gives the heaviest and most remarkable rainfalls due to these storms:—

District.	Station.	Inches.	Date.
Madras	Madras	4·72	30th Oct.
		9·20	31st „
Chingleput	Chingleput	4·90	31st „
		8·75	1st Nov.
Ditto	Saidapet	4·90	31st Oct.
		7·00	1st Nov.
North Arcot	Chittoor	6·00	31st Oct.
	Vellore	6·05	31st „
	Arcot	5·55	1st Nov.
Chingleput	Conjeveram	6·70	1st „
Nellore	Udayagiri	5·20	1st „
North Arcot	Palmaner	4·70	1st „
Ahmedabad	Ahmedabad	2·41	9th „
Kathiawar	Wadhwan	5·15	9th „
	Rajkot	3·93	9th „
	Jelalsar	4·00	9th „

The following tables give data of the storms :—

Date.	Position of Storm Centre.		Rate of motion during preceding interval.	Average rate of motion in miles per hour.
	Latitude.	Longitude.		
Oct. 27th, noon	10° 39′ N.	90° 43′ E.	...	...
„ 28th, „	10° 57′ N.	89° 58′ E.	60	3
„ 29th, „	11° 30′ N.	88° 48′ E.	100	4
„ 30th, „	2° 11′ N.	85° 57′ E.	190	8
„ 31st, „	1°58′ N.	81° 58′ E.	275	11
Nov. 1st, 8 A.M.	13 11′ N.	79° 28′ E.	170	9

Date.	Place where lowest barometer was observed in the storm area on given day and hour.	Lowest barometer observed in storm area on day.	Variation from normal.
Oct. 26th, 4 A.M.	*Sierra Miranda in* 8° 49′ N. 90° 45 E.	29·81″	—·07″
„ 27th, noon	*Dovenly Hall in* 9° 24′ N. 90° 20′ E.	65·″	—·26″
„ 28th, 4 A.M.	*Loch Torridon in* 12° 13′ N. 91° 53′ E.	·84″	—·02″
„ 29th, 4 P.M.	*Dovenley Hall in* 14° 27′ N. 91° 07′ E.	·77″	—·05″
„ 30th, noon	*Goorkha* at Madras	·81″	—·07″
„ 31st, 10-30 P.M.	Madras	28·98″	—·89″
Nov. 1st, 8 A.M.	Madras	29·707″	—·19″

Date.	Position of Storm Centre.		Rate of motion during preceding interval.	Average rate of motion in miles per hour.
	Latitude.	Longitude.		
			Miles.	
Nov. 4th, 5th, 6th, noon	15° 40′ N.	68° 20′ E.	...	...
„ 7th, „	16° 10′ N.	69° E.	50	2
„ 8th, „	18° 6′ N.	68° 43′ E.	140	6
„ 9th, 8 A.M.	21° 17′ N.	70° 54′ E.	260	13

Date.	Place where lowest barometer was observed in the storm area on given day and hour.	Lowest barometer observed in storm area on day.	Variation from normal.
Nov. 6th, noon	*Columbus in* 15° 44′ N. 67° 23′ E.	29·68″	—·20″
„ 7th, midnight	*Idar in* 17° 31′ N. 66° 2′ E.	·43″	—·46″
„ 8th, 4 A.M.	*Do. in* 18° 1′ N. 68° 41′ E.	·38″	—·51″
„ 9th, 9-20 „	*Pachumba* off Verawal	·74″	—·27″

November.—The mean pressure of the month for the whole of India was ·010″ above the normal. The following table gives the local variations freed from the general variation:—

District.	Positive anomalies.	District.	Negative anomalies.
N.-W. Provinces	+·005″	Punjab	—·007″
Central India	+·002″	West Rajputana	—·015″
Chutia Nagpur	+·003″	Central Provinces	—·012″
Bengal	+·008″	Konkan	—·013″
Assam	+·015″	Deccan	—·010″
Orissa	+·003″		
Malabar	+·005″		
East Coast	+·003″		
Ceylon	+·001″		
Burmah	+·009″		
Bay Islands	+·009″		

Over by far the greater part of the country the anomalies were very small and less than ·01″ in amount, and hence the distribution of pressure was very approximately normal.

There was a moderate relative deficiency in Western Rajputana, the Central Provinces and the Konkan, averaging ·012″. This was chiefly owing to the low pressure which prevailed in North-Western India during the approach of the cyclonic storm of the first week of the month.

After the termination of the stormy weather of the first ten days of the month described in the pressure remarks for October, there was no other large or important cyclonic disturbance during the month.

Pressure was lowish in the third week of the month in the Andaman Sea, and there were feeble indications of the establishment of a cyclonic circulation in that area. It however never passed beyond the preliminary stage of squally weather. Frequent showers fell in Burma at that time, and rain ceased in Madras. The shallow depression in the Andaman Sea filled up on the 22nd, and the seat of lowest pressure was again transferred (on the 24th) to Southern India, and frequent showers fell in that area during the remainder of the month.

Two feeble cold weather disturbances appeared in Upper India during the month. The first disturbance was due to a depression which entered Upper Sind from Beluchistan on the 20th, and advanced north-eastward to the Punjab Himalayas, where it broke up on the 23rd. It gave some rain to the northern districts of the Punjab and slight snow in the hills.

The second disturbance apparently originated in the Simla hills and adjacent plain districts on the 24th, and general rain fell in the South-East Punjab and western districts of the North-Western Provinces on the 24th, 25th and 26th. Frequent showers of snow and hail were received in the hill districts during the same period. The general disturbance appeared to have travelled eastward over the Himalayan area and across Northern India as some showers fell in the eastern districts of the North-Western Provinces on the 27th, and in Behar and Bengal on the 28th and 29th.

Normal cold weather conditions were re-established at the end of the month with steeper gradients and stronger northerly winds than usual.

December.—The mean pressure of the Indian land area was, as in the previous three months, considerably in excess (·026″). The following gives the local variations of the month :—

District.	Positive anomalies.	District.	Negative anomalies.
Central India	+·017″	Punjab	—·001″
Central Provinces	+·003″	N.-W. Provinces	—·002″
Malabar	+·002″	Rajputana	0
Deccan	+·002″	Chutia Nagpur	—·006″
East Coast	+·001″	Bengal	—·008″
Ceylon	+·002″	Assam	—·017″
		Orissa	—·003″
		Konkan	—·001″
		Burmah	—·011″
		Bay Islands	—·007″

The local variations were, in almost all cases, extremely small, and show that over the greater part of the country, including the whole of the Peninsula and Upper and North-Western India, there were no abnormal barometric features of any importance. There was a slight deficiency in North-Eastern India, or in Chutia Nagpur, Behar, Bengal and Assam, which was not very large in amount, but which increased and became a prominent feature of the meteorology of the months of January and February 1889 and was apparently influential in determining the directions of the cold weather storms of these months. The greatest deficiency was shown by the following stations :—

Patna	—·012″	Gorakhpur	—·015″
Burdwan	—·013″	Sibsagar	—·016″
Dacca	—·020″	Dhubri	—·018″
Chittagong	—·014″	Silchar	—·017″

The only remaining important feature in the distribution of pressure was the large excess at some of the hill stations, more especially when compared with the neighbouring plain stations. This is shown below :—

	Actual variation.		Actual variation.
Leh	+·068″	Roorkee	+·025″
Kailang	+·051″	Peshawar	+·036″
Chakrata	+·065″	Rawalpindi	+·012″
Murree	+·018″	Bareilly	+·026″
Ranikhet	+·023″	Hoshangabad	+·040″
Pachmarhi	+·045″	Deesa	+·036″
Mount Abu	+·043″		

The excess was very marked at Leh and Kailang. The Chakrata observations of this period are doubtful, and the remaining hill stations show generally a slight increase. The Leh and Kailang observations hence apparently indicate an excess of pressure in Thibet at this time, which was much greater than in India, and perhaps helps to explain the strongly marked cold weather conditions of the period and the freedom from cold weather storms.

Rain fell in Southern India during the first week of the month. Fine clear weather prevailed over the whole of India from the 8th until the 12th, when two independent disturbances gave unsettled weather for four or five days.

The first was a slight depression which appeared in Upper Sind on the 12th, and advanced rapidly eastwards and lay over the Punjab Himalayas on the 14th. It gave cloudy weather and a few slight showers in the Punjab plains, and moderate snow to the higher elevations of the Punjab Himalayas.

The second disturbance was a cyclonic storm in the south of the Bay of considerable intensity.

Cyclonic storm of the 12th to 16th December.—This was the last cyclonic storm in the Bay of the south-west monsoon of 1888.

Cyclonic storms occasionally accompany or bring up the last burst of rain to Southern India in December. They usually form in the south-west of the Bay, advance in a westerly direction across the South Coromandel Coast, and break up under the obstructive action of the Palnis, Anamullais, and also high ranges of Southern India (the higher peaks of which range from 6,000 to 8,000 feet in elevation).

The weather was stormy with frequent fierce squalls to the north-west and west of the Nicobars on the 8th, 9th and 10th. The ship *Prince Louis* passed through this area at this time. The weather is described as follows in her log:—

December 8th.—Light airs and fine in morning. Noon—when in Latitude 10°38′ N., Long. 90¾° E. set in cool and squally. Evening—Very black clouds pass over ship in dense masses, all torn and rugged; much lightning and thunder to west.

December 9th.—Variable winds and squally, much thunder, lightning and rain; very hard squalls pass from east-south-east to north with calm intervals between.

December 10th.—Morning—wind very unsteady, but weather very bad. Afternoon—strong gale and high sea. Hard black squalls and much lightning. Sky very wicked up to midnight.

This was the disturbed squally weather which usually precedes the formation of cyclonic storms in the Bay of Bengal. The cyclone apparently formed on the 11th in about Lat. 9½° N. and Long. 88° or 89° E. The information contributed by ships does not enable the character and position of the storm to be exactly determined for the 11th or 12th, but on the latter day the centre was probably in Lat. 9¾° N. and Long. 86½° E. The S. S. *Vesta* passed through the storm on the early morning of the 13th in about Lat. 10° N. and Long. 85° E. Her log describes the weather she experienced as follows: "The storm increased rapidly during the night, and at 6 A.M. (barometer 29·29″) the wind rapidly increased to a hurricane with terrific squalls and a tremendous turbulent sea from various quarters. The air was so dense with blinding spendrift that it was impossible to see 100 yards. At 7-30 A.M. the barometer was at its lowest (29·23″), and the wind began to veer by west and south. The barometer began to rise rapidly, but the hurricane increased in force, and the sea was terrific until noon, after which the storm began to abate."

The storm continued to advance in a westerly direction during the remainder of the day at an average rate of about 11 miles per hour. The S.S. *Meanatchy* and S.S. *Olympia*, which had been lying in Negapatam roads, put out to sea, and encountered the strength of the storm on the morning of the 14th. The *Meanatchy* was in or very near to the storm centre at 3 A.M. of the 14th, when her barometer fell to 28·9″. From 1 A.M. to 10 A.M. she experienced hurricane winds and a mountainous sea, with terrific squalls and very heavy rain.

The *Olympia* apparently passed through the centre at about 8 A.M. So far as can be judged from her log she had a fierce gale with terrific squalls and a mountainous sea in the early morning. At 2 A.M. (Bar. 29·30′) the wind was from north and blowing with hurricane force. At 8 A.M. when the wind had veered to north-east by east, it lulled (no barometric reading for that hour is given in her log.) At 9 A.M. it increased and blew with great force from east-south-east. The atmosphere was dark with heavy rain, and the sea mountainous. At 11 A.M. the weather began to moderate.

The storm centre was about 35 miles south-east of Negapatam at noon. The wind was then blowing with hurricane force (11 to 12) at Negapatam, and the sea was tremendous. The weather did not moderate much until 8 P.M. The storm centre crossed the coast at about 3 P.M., and was about 30 miles south of Trichinopoly at 8 A.M. of the 15th, but was then filling up rapidly.

Two very shallow cold weather depressions advanced across Upper India during the last fortnight of the month. The first advanced from Beluchistan and Upper Sind on the 21st, and filled up on the 22nd as it approached the Punjab Himalayas. It gave cloudy weather and light showers, chiefly in the North and East Punjab. The second depression formed on the 29th between Mooltan and Quetta, and filled up in the Punjab on the 30th, after giving light rain in the North Punjab and snow at Quetta and the Punjab Hill districts.

The preceding discussion has shown that there were many marked features and peculiarities in the distribution of pressure during the year 1888. The more important of these judging from their apparent connection with abnormal rainfall and other elements of observation, are briefly stated in the following paragraphs :—

(*a*) In the cold weather months pressure was in excess in the Peninsula, and also along the foot of the hills in Northern India. Between these two areas of increased pressure was a narrowish belt of deficient pressure. This trough of deficient pressure stretched from Lower Sind and Cutch across Central India and the Central Provinces, Orissa, the north of the Bay into Burma and Assam. It was along this trough that the larger and more important cold weather storms advanced. Their average track was further to the south than usual. The axis of this trough of low pressure was almost unchanged in position during the months of December 1887, January and February 1888, and ran from Bhuj through Deesa, Indore, Raipur and Akyab into Upper Burma.

(*b*) The abnormal conditions, which obtained during and at the end of the cold weather in February 1888, vanished in the beginning of March with the commencement of the hot weather and were replaced by new conditions which gradually intensified and became very prominent in the months of April and May. Their chief effect was to give diminished pressure (or negative barometric anomalies) to the whole of Northern India and increased pressure or positive barometric anomalies to the Peninsula (or area south of the Vindhyan Mountains). The deficiency of pressure increased westwards from the Bay of Bengal and was absolutely greatest in the Punjab. It also increased slightly northwards from the head of the Bay to Assam. The increased pressure in the Peninsula was on the whole most strongly developed in the South Deccan, Malabar and Ceylon.

These remarks hence show that the anomalies were opposite in character during the

hot weather months in Tropical and Extra Tropical India. The following table gives data showing the amount of the actual variations during the first five months of the year :—

	January.	February.	March.	April.	May.
Extra Tropical	+·027″	+·011″	—·001″	—·030″	—·011″
Tropical	+·028″	+·020″	+·013″	+·002″	+·001″

The following data for the large provinces in Northern India shows clearly the general tendency of negative anomalies to increase with favourable hot weather conditions :—

	March.	April.	May.
Punjab	—·029″	—·029″	—·034″
North-Western Provinces	—·010″	—·024″	—·011″
Rajputana } Central India }	—·003″	—·037″	0
Behar	+·005″	—·021″	—·004″
Bengal	—·013″	—·021″	—·009″
Assam	—·010″	—·016″	—·008″

The following data illustrate the changes in the positive anomalies of the Peninsula during the hot weather :—

	March.	April.	May.
Central Provinces	+·014″	+·007″	+·011″
Deccan	+·014″	+·018″	+·001″
Carnatic	+·012″	+·003″	0
Malabar	+·010″	+·020″	—·005″

(*c*) In the area of deficient pressure in northern India and Burmah, the absolute minimum of which was in the Punjab, there was at least one, if not two, secondary minima which formed centres of excessive rainfall and sources or sinks of cyclonic storms. The first was the area including the eastern districts of the North-Western Provinces and Central Behar. The following table gives data in illustration :—

	Actual barometric variation.						
	March.	April.	May.	June.	July.	August.	Average for period.
Lucknow	+·001″	—·029″	—·007″	—·010″	+·003″	—·002″	—·008″
Agra	+·005″	—·027″	—·007″	+·002″	+·005″	—·012″	—·006″
Allahabad	0	—·042″	—·018″	—·014″	—·017″	—·024″	—·019″
Gorakhpur	—·001″	—·035″	—·009″	—·024″	—·003″	—·023″	—·016″
Benares	—·003″	—·040″	—·018″	—·014″	—·011″	—·027″	—·019″
Purneah	+·004″	—·033″	—·002″	—·035″	—·008″	—·029″	—·017″
Patna	—·011″	—·039″	—·017″	—·035″	—·021″	—·039″	—·025″
Hazaribagh	+·011″	—·036″	—·008″	—·012″	—·007″	—·039″	—·015″

A glance at the table shows that pressure was throughout lower at Allahabad, Benares, and Patna than either to the east or west during the whole period. The same fact is better

shown in the following table in which Allahabad is taken as the central station and the anomalies of the other stations relative to that station are given:—

	Actual barometric variation relative to Allahabad.						
	March.	April.	May.	June.	July.	August.	Average for period.
Lucknow	+·001″	+·013″	+·011″	+·004″	+·019″	+·022″	+·012″
Agra	+·005″	+·015″	+·011″	+·016″	+·022″	+·012″	+·014″
Gorakhpur	—·001″	+·007″	+·009″	—·010″	+·014″	+·001″	+·003″
Benares	—·003″	+·002″	0	0	+·006″	—·003″	+·001″
Patna	—·011″	+·003″	+·001″	—·021″	—·004″	—·015″	—·008″
Hazaribagh	+·011″	+·006″	+·010″	+·002″	+·010″	—·015″	+·004″
Purneah	+·004″	+·004″	+·016″	—·021″	+·009″	—·005″	+·002″

The second secondary minimum covered a portion of Burmah, Arakan and the adjacent part of the Bay of Bengal. It was very clearly marked during the very abnormal period of the third and fourth week of June. The means and actual observations for this part of the Indian Empire are not only not so satisfactory as is desirable, but are wanting for a large portion of Upper Burmah. The following table gives information for stations in that area similar to that given in the preceding table for the area of depression in the Gangetic plain. In this case the anomalies relative to Akyab are given:—

	Actual barometric variation relative to Akyab.						
	January.	February.	March.	April.	May.	June.	Average for period.
Port Blair	+·009″	+·014″	+·020″	+·019″	+·019″	+·043″	+·023″
Diamond Island	+·009″	+·014″	+·018″	+·007″	—·005″	+·010″	+·013″
Rangoon	+·015″	+·021″	+·024″	+·002″	+·014″	+·019″	+·020″
Thayetmyo	—·014″	+·024″	0	—·004″	—·002″	—·011″	+·002″
Akyab	0	0	0	0	0	0	0
Chittagong	+·006″	+·002″	—·003″	—·012″	+·009″	+·019″	+·001″
Silchar	+·004″	—·006″	0	—·024″	—·004″	+·010″	—·005″
Dacca	+·015″	+·001″	—·002″	—·040″	—·014″	+·001″	—·010″
Saugor Island	+·031″	+·091″	+·013″	—·037″	—·001″	+·015″	+·001″

(*d*) The chief effect of the rains upon these pre-existing anomalies was to modify them largely and temporarily in June during the advance of the south-west monsoon current, and afterwards to gradually and slowly smooth them down, so that after the last month of general monsoon rainfall the anomalies were small. The uniformity of pressure conditions and absence of large pressure anomalies was very conspicuous in the month of October. The provincial anomalies of that month ranged only from —·010 in the Konkan and Malabar coast districts to +·012 in the Punjab and Central India.

(*e*) The cessation of the rains in Northern India and the establishment of the cold weather in Upper India witnessed an almost complete reversal of the anomalies in India, *i. e.*, anomalies were positive in November and December in Northern India and were negative in Southern India. They were much smaller in amount than the hot weather anomalies of 1888. The only prominent feature in these anomalies in November and December was the continuance of the conditions in the Eastern Provinces of the North-Western Provinces and Behar. This, which was probably influential in deter-

mining the course of the cold weather storms of 1888-89, is shown by the data of the following table:—

	Actual barometric variation relative to Patna.			Barometric variation relative to general variation.		
	October.	November.	December.	October.	November.	December.
Lucknow	+·009″	—·005″	+·012″	+·009″	+·003″	0
Agra	+·020″	+·003″	+·023″	+·020″	+·001″	+·011″
Allahabad	+·010″	+·001″	+·013″	+·010″	—·001″	+·001″
Gorakhpur	+·001″	+·003″	—·003″	+·001″	+·001″	—·015″
Benares	+ 011″	+·003″	+·015″	+·011″	+·001″	+·003″
Patna	0	0	0	0	—·002″	—·012″
Hazaribagh	+·010″	+·005″	+·006″	+·010″	+·003″	—·006″
Purneah	+·003″	+·018″	+·008″	+·003″	+·016″	—·004″

An unusually large number of cold weather depressions advanced from the north-west frontier or Cutch eastwards during the cold weather months of January and February. They were generally very feeble and only important in that they gave cloudy weather and showers. Two advanced across from Sind to Burmah. The majority of their paths were considerably further south than the average track of cold weather storms.

The very strongly marked conditions of March, April, and May in addition to originating large barometric anomalies or variations of pressure conditions which in part determined the distribution of rainfall during the monsoon period gave rise to some series of very severe thunderstorms and nor'westers and also to a larger number of destructive tornadoes than have probably occurred for many years in India. The following gives a brief list of these latter storms with data of the probable loss of life, and property so far as is known:—

Place in which tornado occurred.	Date of occurrence of storm.	Killed.	Wounded.	Estimated loss of property.
Magura	27th March	4	24	
Pubna	27th March	20	80	
Dacca	7th April	118	1,200	Over seven lakhs.
Bhudreswar	23rd April	10	Many.	
Moradabad	30th April	250	Not stated	One lakh in Moradabad. 1,600 cattle killed.
Delhi	1st May	12	Not stated.	
Tilhar	1st May	12	Do.	

It is however probable that the loss of life was considerably greater.

The monsoon was ushered in by squally weather on both coasts; but in neither case did it develop into a cyclonic storm. The early part of the south-west monsoon was hence unusually free from severe storms. During the latter half two storms of exceptional character occurred. The first was the storm of August 23rd to 29th, which formed quite close to the coast of the Sunderbunds and was distinguished for the hurricane force of the westerly and south-westerly winds which prevailed at the head of the Bay during the earlier part of its existence, and for the deluge of rain it gave to the greater part of Bengal and Behar. The second storm was the storm of September 13th to 20th. It crossed from Tenasserim and perhaps the Gulf of Siam over the Gulf of Martaban, and thence advanced in an almost straight W.-N.-W. course across into the Central Provinces where it remained merely stationary for upwards of 18 hours, and then marched almost due northwards with approximately the same velocity that it had when advancing to the

Central Provinces. This storm broke up in the East Punjab Himalayas after giving a very heavy burst of rain to the whole belt of country through which it passed.

The retreat of the south-west current down the Bay or the October Transition Period was marked by the occurrence of two severe cyclones. The first occurred at the commencement of the period, which may be most fitly termed the late or retreating south-west monsoon rains in the Peninsula and the second at their termination.

Pressure was unusually low in the beginning of October in Burma when the south-west monsoon current withdrew from Bengal. This condition continued from the 10th until the 21st and accompanied frequent showers in Burma and an absence of rain in the Coromandel coast districts. Pressure increased in Burma from the 21st, so that the area of lowest pressure was rapidly transferred from Lower Burma to the Coromandel coast districts. The following data shows the character of the change:—

Date.	Pressure at Diamond Island.	Pressure at Madras.	Difference.
	Inches.	Inches.	Inches.
October 10th 8 A.M. . .	30·007	30·016	+·009
„ 14th . . .	29·975	29·977	+·002
„ 18th . . .	29·908	29·956	+·048
„ 19th . . .	29·932	29·978	+·046
„ 20th . .	29·924	29·961	+·037
„ 21st . . .	29·910	29·962	+·052
„ 22nd . . .	29·970	29·976	+·006
„ 23rd . . .	29·995	29·996	+·001
„ 24th . . .	30·029	29·992	—·037

Some days of rainy weather followed this change in Southern India. A brief break ensued during which a cyclonic storm formed to the north-west of the Nicobars. It marched in a W.-N.-W. direction across the Bay, struck the coast near Madras and gave a deluge of rain and hurricane of wind to the coast districts from Nellore to Cuddalore. Its subsequent history throws light on certain phenomena of the storms or disturbances crossing from the Peninsula to the Arabian Sea. The storm broke up as a definite circulation in Mysore and the South Deccan. A residual depression and disturbance was transmitted westwards and was absorbed into an area of squally weather in the Arabian Sea. A cyclonic storm formed slowly in this area and after increasing in intensity during a period of nearly four days it advanced to the N.-N.-E. into Kathiawar and broke up as a cyclonic storm shortly after it reached land. Its disappearance was followed by the eastward transmission across the head of the Peninsula into Bengal of slightly disturbed and showery weather. The fact that the breaking up of a cyclonic storm on approaching a line of comparatively low hills is occasionally followed by the transmission of a very shallow depression and of disturbed weather for very considerable distances, is a fact of great importance in connection with the storms of the October Transition Period.

The last storm possessed no abnormal feature. The occurrence of a storm in the middle of December immediately before the final retreat of the south-west monsoon is in no way unusual. Such storms almost invariably form between the Nicobars and East Ceylon coast, advance in a west or west by north course to the South Coromandel coast, and give the last heavy burst of rain due to the retreating south-west monsoon current.

They are usually of small extent, and two out of three of them are accompanied with hurricane winds near the centre. The storm of December 1888 was a small but very fierce cyclone which formed to the east-north-east of the Ceylon coast, marched in a westerly direction, and struck the South Coromandel coast near Negapatam. It gave heavy rain in the coast districts and broke up as a cyclonic storm in the Madura and Tinnevelly districts. A residual shallow depression passed across the Travancore coast into the Arabian Sea and gave squally weather for 24 hours afterwards and then disappeared.

For the sake of reference the cyclones and more important cyclonic storms of the year are enumerated and briefly described below. Their tracks are shown on Plate V. The first table gives a statement of the storms which formed or appeared in the Bay of Bengal, and the second table, the more important land formed depressions and cyclonic storms of the rains in Northern India :—

No.	Year.	Month.	Days.	Details of storm.
1	1888	May . .	10th to 13th .	This storm formed to the north-east of the Ceylon Coast in front of an early advance of south-west monsoon winds, in about Lat. 10° N. and Long. 84° E. on the 9th and 10th. It crossed the coast between Cuddalore and Negapatam on the night of the 11th and then advanced in a west-north-west direction. Winds of force 7 and 8 were recorded by ships in the south of the Bay. It was a diffused storm throughout, and hence, although not severe, it gave general and heavy rain over the whole of Southern India and the greater part of the Deccan.
2	„	July . .	11th to 15th .	Began to form off the coast of Orissa and Ganjam on the 11th. Winds were very light at the head of Bay, but to the south of Lat. 16° N. strong monsoon winds with frequent squalls were experienced. The S.S. *Tibre* and *City of Calcutta* experienced on the 12th day winds of force 9 in about Lat. 16° N. and Long. 85° E. The *City of Calcutta* which passed into the eastern quadrant on the 13th had west-south-west winds of force 10 during the whole of the morning. The centre crossed the coast between Pooree and Gopalpur about midnight and crossed the Eastern Ghâts before noon of the 14th. The depression advanced rapidly to the north-west and was in Bundelkhand on the 15th. It was then very shallow and filled up before the morning of the 16th.
3	„	July . .	18th to 23rd .	This storm formed quite close to the coast in the Sunderbunds on the 18th, The ship *Lahore* in Lat. 19° N. and Long. 88° E. experienced west-south-west winds of force 8 on the 18th with much rain, and the F. L. V. *Meteor*, west-south-west winds of force 7 to 8 on the 19th and 20th and very squally weather. The centre crossed the coast on the afternoon of the 19th to the east of Saugor Island and advanced (at first slowly) in a west-north-west direction. It was near Midnapore on the morning of the 20th; Sasseram on the morning of the 21st; Allahâbad on the morning of the 22nd, and broke up in Oudh on the 23rd.
4	„	August .	4th to 10th .	A small depression began to form on the 4th in the north-west angle of the Bay. Unsteady winds prevailed over the north-west of the Bay, and the depression did not increase in intensity. It crossed the coast on the evening of the 8th, passed through West Bengal into Singbhoom and Lohardugga and filled up on the south-west districts of Chutia Nagpur on the 11th. It was throughout a feeble and unimportant cyclone.
5	„	August .	23rd to 29th .	This was one of the most severe cyclonic storms of the rains proper which has been experienced for many years at the head of the Bay. It originated over the Sunderbunds and the head of the Bay, and was apparently due to an exceptionally heavy burst of rain. It intensified on the 20th and 21st. The centre was about 30 miles south-east of Saugor Island at 8 A. M. of that day. At this period exceptionally light winds prevailed over the whole of South Bengal, although excessive rain was being received. The storm now drifted very slowly north-westwards at a rate of not exceeding 2 miles per hour. On the morning of the 23rd the centre passed quite close to Calcutta. On the 24th it advanced to the west of Kishnaghur, and was then curving slightly to west. The storm marched through the Sonthal Pergunnahs, moving with an average velocity of about 3 miles per hour. On the morning of the 27th the centre passed near Patna, and was then moving in a west-north-west direction with a velocity of about 4 miles. It advanced into the eastern districts of the North-Western Provinces on the early morning

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No.	Year.	Month.	Days.	Details of storm.
				of the 28th. The centre was some distance east of Azamgarh at 8 A. M. of the 28th. It then advanced into Oudh during the day and began to fill up. The centre was near Fyzabad on the morning of the 29th. The storm filled up during the day. The storm was accompanied by exceptionally strong monsoon winds over the north and centre of the Bay. At the head of the Bay winds of hurricane force were experienced by the pilot brigs, light vessels, and several ships off the Bengal Coast. The stormy winds blew most strongly from west-south-west and south-west, and westerly gales of force 10 to 12 were experienced from the 22nd to the 24th at the head of the Bay.
6	1888	September.	2nd to 11th	This storm began to form at the head of the Bay on the 1st and 2nd. It intensified slightly on the 3rd, 4th and 5th, and gave squally weather at the head of the Bay on these days. The strongest winds actually experienced by vessels at the head of the Bay were of force 7. The centre passed the Orissa coast near False Point on the afternoon of the 6th and advanced rapidly in a W.-N.-W. direction across Chutia Nagpur and the northern districts of the Central Provinces into the eastern districts of the North-Western Provinces. The centre was near Allahabad on the 9th and Gorakhpur on the 10th. The storm broke up during the next 24 hours. It gave heavy rain over the whole of its track, but was chiefly remarkable for the deluge of rain it gave to the Basti and Gorakhpur districts on the 10th and 11th when approaching the hills. Falls of 30 inches in 24 hours are reported to have occurred in some parts of these two districts.
7	,,	,,	13th to 20th	This storm was of very unusual character. It probably formed in the Gulf of Siam. The centre crossed the Tenasserim hills, north of Tavoy, on the 13th and advanced across the Gulf of Martaban and Bassein district on the evening of the 13th and morning of the 14th. It passed out into the Bay of Bengal about 10 A.M., and marched across the north of the Bay in a west-north-west direction, with an average velocity of 14 miles per hour. It increased in intensity, and on the afternoon of the 15th hurricane winds were blowing near the centre where there was a calm area apparently of small extent. It crossed the Orissa Coast at 3-30 A.M. of the 16th, and advanced in a westerly direction with unchanged velocity to the neighbourhood of Nagpur. It remained nearly stationary in this part of the Central Provinces from 4 P.M. of the 17th to 8 A. M. of the 18th, when it again resumed its march, but in a northerly direction. The centre advanced with a velocity of about 11 miles per hour, and was near Jhansi at 8 A.M. of the 19th and near Meerut at the same hour of the 20th. It broke up during the evening of the 20th in the Simla hill districts after an existence of at least eight days. A full account is given in the Cyclone Memoirs, Part III.
8	,,	October	1st to 9th	This storm formed to the south-west of Diamond Island and the north of the Andamans, and in the immediate neighbourhood of the Cocos Island on the 1st and 2nd of October. It was nearly stationary during the next 24 hours and increasing in intensity. The centre then began to advance to the north-west, and was in Lat. 10¼° N. and Long. 90¼° E. at noon of the 4th, and in Lat. 18½° and Long. 88° at noon of the 5th. It was then commencing to recurve to the north. It was in Lat. 20½° N. and Long. 88½° E. at noon of the 6th and moving in a north-easterly direction. The centre advanced more rapidly during the next 24 hours, crossed the coast of the Sunderbunds late on the evening of that day, and was to the east of Dacca at 8 A.M. of the 7th. It broke up on the afternoon of that day in Cachar. The storm was accompanied by strong winds and showery weather in the north of the Bay. No vessels were near the centre, and the strongest winds reported (at distances of 100 to 200 miles from the centre) were of force 6 to 8.
9	,,	October and November.	26th to 10th	Formed to the north-west of the Nicobars in Lat. 10½° N. and Long. 91° E. on the 25th and 26th. On the 27th it began to move to the west-north-west with gradually increasing velocity. The position of the centre at noon of the 28th was in Lat. 10° 57′ N. and Long. 89° 58′ E.; at noon of the 29th in Lat. 11° 30′ N. and Long. 88° 48′ E.; at noon of the 30th was in Lat. 12° 15′ N. and Long. 86° E.; at noon of the 31st was in Lat. 13° N. and Long. 82° E. The storm had increased in intensity during the past three days and was now a severe cyclone. Several steamers including the *Sirsa*, *Bhandara*, &c., passed through the inner storm area, and encountered hurricane winds and a tremendous sea on the 31st. The centre crossed the coast at Madras at 10-30 P.M. of the 31st. The lowest reading of the barometer during the storm at Madras was 28° 87″. The storm gave a deluge of rain to the coast districts of North Arcot, Chingleput and Madras. It began to fill up

No.	Year.	Month.	Days.	Details of storm.
				rapidly almost immediately after the centre reached land The centre was about 60 miles to the north-west of Madras at 8 A.M. of the 1st. The cyclonic circulation broke up amongst the broken ground of Mysore on the evening of the 1st. A residual disturbance was propagated westwards, and was absorbed into a trough of low pressure and squally weather, which had been in existence in the Arabian Sea for at least four days previously. In the eastern portion of this trough a cyclonic storm of small extent, but considerable intensity, slowly developed on the 4th, 5th and 6th. The centre at noon of the 7th was apparently in Lat. 16° N. and Long. 68° E. It then began to advance to the north-north-east with increasing intensity. The ship *Udar* experienced hurricane winds on the afternoon of the 7th. On the evening of the 8th, when the storm was approaching the Kathiawar Coast, the coasting steamer *Vaitarna*, with about 600 native passengers on board, went down with all on board. The storm centre crossed the Kathiawar Coast between Mangrol and Verawal about 8-30 A.M. of the 9th, and marched through Kathiawar during the day. Heavy rain fell in Kathiawar and Cutch on the 9th and 10th. The storm filled up rapidly as it approached the Aravalli hills, by which it was deflected northwards as a shallow depression which filled up on the evening of the 11th after having given a brief period of cloudy weather to Sind on that day. A slight and probably residual disturbance was propagated slowly eastwards across the head of the Peninsula from the 11th to the 16th, which gave light rain to the Central Provinces, Behar and Bengal.
10	1888	December .	12th to 16th .	This storm formed to the west of the Nicobars in about Lat. 9½° N. and Long. 88° E. on the 11th. Very squally weather had prevailed to the west of the Nicobars from the 8th, but winds were unsteady and variable, and the squalls were succeeded by calm intervals on the 8th, 9th and 10th The storm advanced almost due west; the centre was in Lat. 9¾° N. and Long. 80½° E. at noon of the 12th, and in Lat. 10° N. and Long. 85° E. at 7-30 A.M. of the 13th when the S.S. *Vesta* passed through it and experienced hurricane winds. The S.S. *Meanatchy* and *Olympia* encountered it on the morning of the 14th and had hurricane winds, a tremendous sea, and terrific squalls. The lowest reading of the barometer recorded was 28·90" on board the *Meanatchy*. The storm crossed the coast about 30 miles south of Negapatam on the afternoon of the 14th, at which time its rate of motion was about 11 or 12 miles per hour. It advanced westwards across the Peninsula, filling up rapidly, and passed out into the Arabian Sea on the morning of the 16th as a very shallow and unimportant depression which apparently filled up on that day.

The following gives a brief statement of the more important land-formed depressions and cyclonic storms of the rains in Northern India :—

No.	Year.	Month.	Days.	Details of storm.
1	1888	July . .	1st to 5th .	This storm began to form on the 1st in South-West Bengal. A strong monsoon was blowing at the head of the Bay. The force of the wind, as experienced by three vessels, was 5 to 7. Heavy rain fell in South-West Bengal on the 31st and 1st, due to those strong humid winds. This gave rise to a well marked depression, the centre of which was between Berhampore and Calcutta on the morning of the 2nd. It moved to west by north and was between Benares and Dehree on the 3rd and to the north of Allahabad on the 4th. The storm had increased in intensity during the previous 24 hours, and the depression at the centre was upwards of two-tenths. The storm passed into Oudh, and the centre was near Lucknow on the 5th. The storm filled up during the day.
2	„	„	24th to 31st. .	At the same time that the storm of the 18th to 23rd July was filling up in Oudh, heavy rain was falling in Behar, and a depression began to form. It was not clearly defined until the 26th, when the centre was a little to the east of Allahabad. It occupied the same position on the 27th, and then began to move in a west-north-west direction. The centre was west of Allahabad on the morning of the 28th; north of Nowgong on the 29th; west of Jhansi on the 30th, and south of Jeypore on the 31st (when it was very shallow and filling up). A small residual depression lay between Agra and Jhansi during the next three days. It finally disappeared on the evening of the 3rd.

No.	Year.	Month.	Days.	Details of storm.
3	1888	August	15th to 23rd	The storm was formed in South-West Bengal on the 14th and 15th in an area of very heavy rainfall, apparently due to the eastward extension of the Bombay current into Chutia Nagpur and West Bengal, whilst a strong monsoon current was blowing at the head of the Bay. The storm centre moved slowly through the Sonthal Pergunnahs on the 15th and 16th, and was near Gya on the morning of the 17th, when it was advancing more rapidly. On the morning of the 18th, the centre was in Bundelkhand between Sutna and Nowgong, on the 19th, it was some distance to the south-west of Jhansi, and on the 20th a little to the south of Neemuch. The depression had begun to fill up slowly, and the centre was west of Deesa on the 21st. It passed as a very shallow depression through Lower Sind on the 22nd, and disappeared on the evening of that day. Strong monsoon winds (force 5 to 7) prevailed at the head of the Bay on the 15th, 16th and 17th, when the storm was forming in West Bengal.

WINDS.

The anemometric data consist of observations of the wind direction at 10h. and 16h. at the great majority of stations. For the Madras observatory the directions at noon and midnight are given. At Leh, Chamba, Lahore, Mussooree, Dehra, Roorkee, Lucknow, Allahabad, Dhubri, Chittagong, Calcutta, Saugor Island, Hazaribagh, Darjeeling, Nagpur, Pachmarhi, Jeypore, Deesa, Ratnagiri, Belgaum, Bombay, Poona, Vizagapatam and Rangoon, the directions are given for 4h., 10h., 16h., and 22h.; and at Calcutta, Leh, Allahabad and Bombay for 6h., 10h., 16h., and 22h. At all these stations except Leh, Chamba, Vizagapatam, the directions are taken from the traces of autographic instruments.

At nearly all stations the total movement of the air is recorded by anemometer. At Calcutta, Madras, Rangoon, Saugor Island, Chittagong, Darjeeling, Lucknow, Roorkee, Dehra, Mussooree, Nagpur, Pachmarhi, Bombay, Belgaum and Deesa, the instruments are large Beckley's anemographs of the Kew pattern; at Dhubri, Hazaribagh, Ratnagiri and Poona they are Casella's embossing anemographs. The latter, it may be stated, are found not to work so satisfactorily as the Beckley's anemographs and are gradually being withdrawn from use. The remaining stations are provided with small Robinson's anemometers, in some cases with trains of five recording wheels, and in others with two (Casella's improved pattern). The elevations and positions of the various anemometers in use were given in the report for 1885.

Table IX (Appendix) gives an abstract of the wind directions recorded at 127 stations in 1888. The abstract specifies the number of times that each of eight wind directions and calms was observed at each hour of record, and the total of each month. The trigonometrical resultant of these observations computed by Lambert's formula (an equal value being given to each observation), the mean diurnal movement of the air, and the average monthly values of the last two data, computed from as many years (exceeding two) as anemometric registers have been furnished by each station are given in the following Tables XIX and XX. The charts, Plates II to IV, show the wind resultants by arrows, the lengths of which indicate the comparative excess of wind prevalence in the direction drawn on a scale such that five-eighths of an inch would represent a wind blowing continuously in the same direction throughout the month, or 100 per cent. of the observations.

Table XIX below gives the mean wind directions at each station for each month of the year 1888 and the normal mean monthly wind directions, and Table XX the mean daily air movement in each month of the year 1888 for all stations provided with anemometers and the normal mean daily air movement for each month, as determined from observations for a number of years, in the great majority of cases exceeding ten.

TABLE XIX.—*Average and actual (for 1888) direction and steadiness of wind of 127 stations in India, for each month of the year.*

Stations.		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
		°/₀ °	°/₀ °	°/₀ °	°/₀ °	°/₀ °	°/₀ °	°/₀ °	°/₀ °	°/₀ °	°/₀ °	°/₀ °	°/₀ °
Baghdad	Normal	...	...	...	...	...	...	...	...	...	...	...	...
	Actual	46N57W	30N81W	45S83W	26S87W	43S60W	55S46W	85S35W	85S38W	33S89W	53N10W	41N44W	42N24W
Aden	Normal	70N84E	72N81E	74N78E	61N81E	40S67E	67S 7E	73S11E	69S12E	51S31E	55N88E	67N89E	69N86E
	Actual	63N84E	78S85E	66S87E	63N84E	36S34E	73S14W	72S 4W	67S12E	40S39E	53S76E	64S85E	61S81E
Bushire	Normal	34N 8W	32N18W	38N47W	40N63W	65N56W	70N57W	62N72W	60N71W	33N51W	46N35W	37N 9W	39N 5E
	Actual	45N 5W	36N25W	60N38W	25N57W	36N53W	85N46W	71N77W	64N60W	36N56W	36N60W	21N20W	44N23E
Amini Divi	Normal	...	...	...	...	...	...	...	...	...	...	...	...
	Actual	47N 8W	80N11W	74N30W	72N41W	79N50W	86S59W	89S61W	94S53W	74N72W	31N45W	30N23W	69N 9E
Quetta	Normal	27N83W	30N76W	36S65W	36N81W	51N69W	43N69W	34W	42N78W	50N56W	50N56W	46N41W	37N48W
	Actual	13N86W	55N84W	53N80W	64N60W	49N73W	64N75W	68N82W	55N75W	57N57W	50N75W	35N78W	34N79W
Leh	Normal	24S 8E	18S25E	18S37W	19S54W	25S72W	26S84W	36S80W	31S72W	32S59W	34S56W	24S 4W	34S 1W
	Actual	27S22E	24S49E	11N79E	3S 1E	8N31W	10N49W	15S69W	15S53W	34S39W	21S10W	23S17E	26S16E
Mooltan	Normal	24N 9W	18N 5E	21N11W	13N26W	35S35W	33S25W	33S25W	22S19W	33S32W	21S70W	8S73W	8N14E
	Actual	12N63E	18N74W	32N69W	51N46W	39S54W	39S47W	52S46W	44S61W	89S43W	45S39W	16S27W	34S79W
D. I. Khan	Normal	30N 7W	27N 4W	30N40E	25N46E	41N79E	48S79E	48S79E	52S75E	51S88E	39N75E	21N51E	16N 3E
	Actual	27N11W	23N10E	43N66W	49N27E	65N31E	68N56E	73N63E	68N69E	52N78E	32N35E	11N30W	23N28W
Peshawar	Normal	7S11E	9N51W	14N15E	19N10E	25N25E	31N50E	47N56E	54N42E	53N41E	37N61E	18N85E	9S20E
	Actual	9S70E	10N25E	25N27E	48N19E	50N17E	36N56E	60N33E	61N38E	72N37E	29N40E	27N45W	24S25W
Murree	Normal	35S54E	29S39E	28S35E	16S40E	13S18E	12S 2W	14S15E	12S 4E	8S52E	10S30E	17S46E	31S58E
	Actual	44S48E	61S43E	40S47E	12S10W	7S35E	30S19E	40S27E	19S43E	18S28W	9S35E	34S24E	52S44E
Rawal Pindi	Normal	21N72W	30N77W	24N68W	23N65W	10N79W	15S15E	35S66E	27S58E	12S40E	16S62W	25S82W	31N73W
	Actual	29N59W	47N35W	52N44W	58N27W	22N70W	12S71W	36S21E	61S47E	28S	29N50W	49N66W	61N60W
Sialkot	Normal	22N57W	35N72W	34N59W	21N46W	17N 2E	11N77E	35S86E	28S89E	7N39E	15N29W	26N67W	28N79W
	Actual	25N38W	28N60W	7N71W	38N28W	11N22E	11N32E	34S78E	32N65E	11N36E	23N 3W	17N12E	32N73W
Lahore	Normal	21N25W	30N25W	33N10W	26N19W	21N7 E	11N19W	34S84E	27S83E	13N60E	12N 3W	22N42W	22N36W
	Actual	32N55W	31N30W	27N 1E	29N15W	6N88E	12S32E	33S75E	22S45E	14S49W	17N34W	10S81W	26N32W
Ludhiana	Normal	25N56W	39N48W	33N47W	27N59W	10N57W	10N74W	25S46E	16S66E	13N40W	24N40W	36N44W	24N36W
	Actual	33N68W	42N61W	24N55W	44N60W	24S58W	15N79W	27S33E	19S59E	26N39W	52N32W	41N21W	57N39W
Chamba	Normal	18S74E	11N78E	17N37E	14N31E	10N21E	15N 3W	27N36W	23N28W	9N35E	8N32E	17S65E	29S61E
	Actual	22S62E	19S83E	20N68E	15N68E	15N33E	14N35E	18N18W	25N30W	13N89E	24S74E	30S76E	42S54E
Kailang	Normal	46S63W	66S69W	69S64W	77S60W	69S61W	67S65W	63S83W	61S80W	63S57W	68S49W	65S53W	46S44W
	Actual	36S83W	69S70W	68S52W	66S50W	57S60W	52S82W	74N83W	74N86W	39S53W	60S36W	54S53W	41S26W
Simla	Normal	19S31W	28S22W	31S42W	38S69W	51S66W	40S76W	25S63W	28S77W	30S78W	41N74W	36N76W	24N61W
	Actual	53N38W	13N49W	55N49W	68N69W	72S44W	56S34W	37S24E	21S53W	12N47W	3N74W	26S19W	35S35E

TABLE XIX.—*Average and actual (for 1888) direction and steadiness of wind of 127 stations in India, for each month of the year*—continued.

STATIONS.		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
		°/₀ °	°/₀ °	°/₀ °	°/₀ °	°/₀ °	°/₀ °	°/₀ °	°/₀ °	°/₀ °	°/₀ °	°/₀ °	°/₀ °
Delhi	Normal	38N77W	39N66W	47N62W	44N65W	12N49W	24N60W	15S45E	6S19W	15N32W	47N49W	50N59W	52N67W
	Actual	48N66W	43N56W	38N40W	64N60W	52N63W	54N79W	39S64E	12N68E	31N64W	27N64W	12N68W	58N83W
Sirsa	Normal	17N23W	27N28W	27N35W	28N78W	18N83W	31S88W	19S 3W	16S32W	19N79W	32N76W	24N59W	21N33W
	Actual	33N33W	37N33W	34N79W	62N84W	69S88W	54S74W	29S29W	33S20W	58N79W	45N70W	35N72W	56N67W
Chakrata	Normal	9S66W	3S54E	8S56W	19S68W	29S63W	30S73W	47S71W	43S73W	36S74W	30S64W	28S55W	14S55W
	Actual	14N88W	1E	24S43W	40S66W	46S64W	47S63W	20S82W	38S89W	33W	24S77W	27S76W	15N73W
Mussooree	Normal	?	?	?	?	12S33E	26S 6E	29S	30S10E	20S19E	10S46E		?
	Actual	39S47E	26S72E	20S28E	4N50E	5S62E	9N 9E	44S 5W	48S 7E	25S13E	18N65E	24S57E	17N54E
Dehra	Normal	17S73W	19S85W	25N78W	21N79W	17S76W	12S66W	10S37W	16S43W	18N80W	19N38W	18N76W	16N73W
	Actual	21N81W	42N53W	22N43W	15N55W	35S38W	49S68W	2cS19E	25S 7E	41N73W	45S63W	16S33W	13S85W
Roorkee	Normal	16N72W	23N52W	23N58W	10N73W	6S68W	11S 4E	33S39E	27S36E	9S 6E	11S27E	28S36W	11N82W
	Actual	15S37W	36S89W	32S58W	44S61W	22S48E	30W	37S58E	24S34E	5S12E	18N13E	5S80E	24N45W
Ranikhet	Normal	17S70W	24S55W	44S56W	47S62W	46S63W	49S65W	35S65W	33S59W	39S52W	55S54W	35S52W	22S54W
	Actual	25S47E	29S47W	51S40W	63S57W	60S49W	67S65W	29S82W	24S55W	38S16W	50S58W	24S58W	25S80W
Pithoragarh	Normal	13S44E	20S39E	28S41E	35S27E	34S13E	25S19E	20S24E	25S15E	34S14E	36S45E	35S19E	30S36E
	Actual	26S31E	26S 2E	36S23E	48S23W	27S 8W	31S 9E	10S13W	22S26E	25S 6E	33S 2E	13S43E	35S12E
Meerut	Normal	45N49W	52N54W	44N51W	44N53W	24N32W	22N26W	23S86E	5N86E	17N34W	40N48W	46N50W	50N52W
	Actual	41N34W	58N43W	64N46W	73N41W	34N42W	50N86W	48S50E	11S58E	11N88W	29N44W	31N55W	69N73W
Bareilly	Normal	39N55W	43N62W	44N55W	38N57W	2N66W	15S84E	31S61E	16S56E	8N75E	23N59W	12N56W	45N60W
	Actual	39N69W	63N43W	61N56W	46N55W	9N77W	57N55W	31S71E	29S57E	7N16W	17N13W	11N36W	26N57W
Agra	Normal	35N64W	38N75W	39N70W	44N84W	30N72W	28N60W	13N63E	10S22E	13N26W	40N78W	36N81W	28N64W
	Actual	55N55W	44N52W	62N74W	31N74W	61N68W	59N62W	19N69E	14N48W	54N47W	62N48W	30N52W	62N48W
Lucknow	Normal	41N57W	44N58W	49N54W	44N53W	15N15E	17N51E	18N85E	12S77E	14N 1E	39N30W	46N45W	49N53W
	Actual	39N13W	62N12W	58N11W	44N46W	21N 3W	39N27W	39S60W	18N71W	16S14E	66N67W	49N75W	66S67W
Gorakhpur	Normal	45S85W	44N84W	39N81W	22N67W	28S82E	52S74E	52S69E	38S62E	32S70E	17N83W	47N79W	52N86W
	Actual	54S76W	66N89W	52S89W	12S76W	29S88E	15N 3E	74S77E	52S70E	28S57E	29N60W	37S82W	53N87W
Jhansi	Normal	26N34E	12N	7N80W	28S78W	22N81W	17S76W	26S49W	22S64W	21N50W	19N30W	26N 1E	26N26E
	Actual	49N 5W	36N22E	46N50W	85N45W	58N52W	58N50W	34N64W	30N76W	48N32W	31N33W	4S27E	41N43W
Allahabad	Normal	20N34W	25N66W	34N65W	25N52W	20N 8E	12N 2E	7N84E	4N40E	11N42E	13N42W	21N65W	22N54W
	Actual	40N50W	58N62W	62N67W	32N55W	22N27W	54N78W	9S22W	4N74W	29N63W	34N62W	7N34W	51N64W
Benares	Normal	29N78W	40N88W	49N88W	44N80W	23N43W	9S 1W	9S 1W	11S49E	3S70E	32N79W	42N84W	47N83W
	Actual	45S76W	63S85W	78W	68N83W	33N43W	72S88W	21S34E	15S45E	20S85W	31N85W	21N87W	60S88W
Ghazipur	Normal	40S76W	60S83W	48S83W	43N82W	9N10W	12N74E	21S62E	14S30E	7S43E	21S66W	34S84W	47S80W
	Actual	50S76W	67S74W	65S85W	30N58W	11N50E	38N59W	29S66E	26S64E	5S 7E	38S87W	17S72W	59S79W
Katmandu	Normal	65N81W	70N83W	67N78W	64N80W	65S88W	66N89W	49S72W	46S72W	49S87W	64S88W	73N88W	76N75W
	Actual	65N89W	78N78W	67N82W	65N86W	65N86W	66W	36S34W	40S57W	57S80W	80N88W	93S88W	78W
Sibsagar	Normal	51N61E	53N58E	59N57E	51N59E	37N56E	21S77E	15S18W	12S30W	18N73E	53N66E	69N62E	61N65E
	Actual	70N57E	68N44E	69N47E	59N68E	55N57E	10N67E	21S 5W	4S28W	19S66E	58N58E	75N72E	87N64E
Tezpur	Normal	77N88E	66S71E	65S71E	58S79E	54S76E	26S45E	44S47E	34S52E	55S62E	69S80E	85S89E	79N85E
	Actual	85N75E	80S54E	86S68E	75S74E	67S56E	56S44E	48S38E	37N84E	70S79E	80N88E	75S81E	77N87E

TABLE XIX.—*Average and actual (for 1888) direction and steadiness of wind of 127 stations in India, for each month of the year*—continued.

STATIONS.		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
		°/₀ °	°/₀ °	°/₀ °	°/₀ °	°/₀ °	°/₀ °	°/₀ °	°/₀ °	°/₀ °	°/₀ °	°/₀ °	°/₀ °
Dhubri	Normal	22N75E	11S12E	15S67E	37N88E	29N65E	28S85E	29S78E	21S48E	28S66E	32N57E	46N47E	42N58E
	Actual	35E	48S19E	18S78E	38N64E	49S 9W	17S14W	41S13E	29S68E	?	51S45W	71S68W	61S62W
Tura	Normal	51S 2W	64S11W	69S14W	67S 5W	58S 5W	63S 6W	54S 7W	59S 3W	56S 4W	43S15E	47S17E	45S15E
	Actual	52S	70S16W	68S 6E	56S12E	52S 1E	63S26W	75S14W	57S 5W	69S 2E	58S 8E	51S 1W	63S15W
Silchar	Normal	27S29E	25S33E	22S6oE	21S86E	10N75E	9N58E	3N 6W	7S63W	2S89W	9S56E	30S77E	35S57E
	Actual	33S23E	29S26E	36S48E	22E	20N50E	1N35E	15S80W	3S36E	8N89W	14S72E	29S65E	33S52E
Darjeeling	Normal	22S84W	33S83W	43S77W	49S72W	46S79W	5S88E	43N88E	32N84E	12S72E	5S 3E	8N61W	4N54W
	Actual	9N 1E	24S55W	34S80W	38W	36S54W	46S35W	70S63E	60S55E	37S10E	74S66W	59S44W	4S28E
Purneah	Normal	44N80W	56W	29N80W	8N35E	68N88E	70N89E	53S78E	53S78E	39S80E	11N14E	38N60W	51N69W
	Actual	64N69W	66N80W	23N54W	26N25W	30N81E	5E	73S86E	62S83E	30S74E	12N84E	24N33W	60N61W
Durbhunga	Normal	47S80W	46S72W	27S70W	8S24E	59S86E	71S89E	58S82E	60S82E	54S86E	3N68E	55S79W	58S79W
	Actual	79S85W	72S77W	23S74W	23S58E	55S83E	60E	77S82E	67S79E	40S68E	31S57E	13S58W	76S84W
Patna	Normal	45N83W	47N79W	48N74W	27N38W	38N54E	45N73E	41N85E	34S19E	42S77E	4N21E	29N64W	52N83W
	Actual	58N82W	80N77W	52N65W	24N 3W	42N54E	37N10E	42S80E	42S83E	18S74E	19N20W	18N10E	59N85W
Gya	Normal	25N60W	36N72W	45N79W	38N62W	28N17E	23N57E	19S79E	17S66E	25S86E	4N34W	17N45W	30N68W
	Actual	50N52W	70N83W	44S67W	38N67W	27N 3E	64N69W	10N23E	29N26E	8S85W	21N51W	24N26E	36N44W
Hazaribagh	Normal	54N62W	60N68W	61N75W	49N74W	15S77W	19S36W	19S16E	7S50W	21S64E	34N42W	35N42W	64N54W
	Actual	52N27W	77N61W	59N58W	47N72W	27S67W	47N60W	24S48W	8S60W	20S70W	30N43W	15N22W	75N44W
Berhampore	Normal	50N41W	44N72W	44S76W	32S23W	37S36E	48S33E	51S41E	45S40E	36S41E	16N12W	54N25W	62N26W
	Actual	61N54W	63N81W	49S71W	23S46W	58S44E	38S37E	57S50E	48S62E	28S20E	43N38W	55N18W	78N33W
Burdwan	Normal	46N32W	43N58W	43S78W	40S40W	52S 9E	58S20E	47S26E	48S27E	38S31E	29N19E	9N 7W	67N23W
	Actual	62N40W	42N58W	55S79W	40S39W	69S15E	42S 3E	53S11E	39S33E	19S 1E	47N12W	55N15E	66N28W
Jessore	Normal	51N24W	40N65W	38S62W	54S11W	61S10E	66S19E	65S17E	61S20E	61S26E	23N63E	57N 2E	66N13W
	Actual	69N35W	51N68W	55S57W	67S16W	78S	61S12E	65S10E	67S10E	50S14E	8N11E	47N 5W	68N31W
Dacca	Normal	32N53W	35S76W	54S23W	60S 4E	60S19E	75S16E	80S19E	72S14E	57S11E	4S55E	38N17W	44N36W
	Actual	49N68W	54S63W	67S31W	58S	71S16E	70S13E	85S18E	77S17E	55S13E	12S79E	14N17W	36N62W
Chittagong	Normal	48N24W	30N38W	20S54W	37S12W	38S	56S31E	63S40E	55S32E	31S29E	14N10W	53N20W	59N23W
	Actual	45N37W	19S85W	44S17W	77S 7E	49S10W	56S17E	84S19E	77S15E	30S17E	19N22W	34N19W	33N46W
Demagiri	Normal	34N50W	32N55W	21S88W	6S36W	6S11E	23S29E	30S33E	30S23E	5N83W	15N54W	34N59W	33N58W
	Actual	60S84W	60S81W	41N68W	27S63W	46N77W	35S38W	80S25E	68S26E	47S46W	54S49W	61S32W	56S37W
Calcutta (Alipore)	Normal	38N38W	23S81W	49S32W	73S3W	66S11E	59S4E	65S11E	57S17E	43S27E	11N48W	58N17W	60N26W
	Actual	68N13W	40N68W	59S38W	78S16W	73S	59S10W	61S11W	46S5W	27S3E	32N23W	51N24E	75N26W
Saugor Island	Normal	19N 1E	23S50W	60S33W	76S20W	69S12W	69S15W	59S24W	54S17W	48S4W	13N10E	58N5E	56N7E
	Actual	51N 2E	13S37W	79S15W	85S8W	84S 1W	74S11W	69S24W	66S27W	30S1E	28N36W	57N23E	59N15W
Cuttack	Normal	11N45E	13S16W	43S16W	62S17W	61S 5W	53S31W	52S44W	45S44W	20S10W	25N32E	43N 1W	35N12E
	Actual	43N56E	16S65E	45N83E	80N72E	45N70E	56N48E	44N63E	59N67E	37S45W	22N7E	29N54E	16N47E
False Point	Normal	22N51E	16S12W	58S38W	79S38W	71S31W	63S45W	64S59W	53S57W	36S25W	25N40E	57N22E	64N43E
	Actual	55N49E	21S28E	68S16W	93S18W	89S10W	75S24W	59S46W	72S50W	27S13E	26N20E	57N30E	53N25E
Sambalpur	Normal	30N48W	19N52W	29N88W	40S8oW	37S62W	42S59W	45S50W	42S54W	13S49W	29N7E	53N1W	48N13W
	Actual	53N 5W	48N 4W	38N44W	57S58W	44S78W	73S79W	67S65W	81S81W	44S70W	48N7E	18N44E	70N16W

TABLE XIX.—*Average and actual (for 1888) direction and steadiness of wind of 127 stations in India, for each month of the year*—continued.

STATIONS.		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
		°/₀ °	°/₀ °	°/₀ °	°/₀ °	°/₀ °	°/₀ °	°/₀ °	°/₀ °	°/₀ °	°/₀ °	°/₀ °	°/₀ °
Raipur	Normal	21N 5E	13N40W	20N79W	35N88W	39N78W	66S74W	77S68W	64S76W	29S69W	37N28E	57N31E	48N35E
	Actual	48N24E	28N33W	47N78W	62N85W	51N84W	75S84W	75S66W	89S72W	43N69W	54N25E	52N33E	66N28E
Nagpur	Normal	30N72E	17N55E	6N20W	20N63W	44N41W	52N76W	69N88W	62N76W	37N54W	51N37E	60N60E	52N64E
	Actual	50N30E	36N20E	41N15W	56N54W	?	59S81W	82S69W	76S79W	52N33W	67N29E	64N47E	68N25E
Seoni	Normal	11N75E	10N40W	16N71W	29N71W	39N58W	47S83W	57S78W	50N86W	29N56W	49N28E	54N55E	38N44E
	Actual	22N41E	16S83E	29N71W	56N51W	44N86W	61N80W	71N85W	35N89W	56N47W	23N63E	35N72E	65N25E
Jubbulpore	Normal	17N 8E	20N13W	22N69W	32N66W	44N62W	54N80W	65N87W	64N84W	34N69W	17N3E	25N47E	17N32E
	Actual	21N21E	44N31W	21N58W	73N81W	58S79W	72S87W	92S85W	87S80W	50N73W	4N15W	17N63E	118N39E
Saugor	Normal	24N13E	74N 6W	33N53W	47N73W	60N87W	63S82W	70S72W	66S78W	43N77W	45N28W	47N20E	38N37E
	Actual	10N72E	15N 1E	51N70W	71N64W	40S73W	60S83W	75S68W	84S77W	51N61W	20N9E	22N58E	44N48E
Pachmarhi	Normal	13N68W	24N49W	36N57W	47N58W	62N55W	63N71W	75N80W	72N80W	45N58W	37N17E	46N52E	32N29E
	Actual	6S14W	20S74W	54N72W	68N65W	43S86W	68N87W	88W	88S88W	52N46W	39N83E	36N78E	37N43E
Hoshangabad	Normal	39N59E	18N58E	15N55W	32S89W	54W	71S88W	77S76W	73S79W	50N86W	25N12E	66N60E	63N61E
	Actual	58N64E	35N73E	16N64W	55N81W	49S73W	56S76W	79S76W	81S72W	30S79W	26N62E	31N63E	34N73E
Khandwa	Normal	23N25E	32N 8W	48N46W	62N49W	69N61W	71N77W	80N83W	80N80W	66N69W	28N24E	55N63E	41N66E
	Actual	33N33E	17N 6W	46N52W	83N52W	44N61W	79N82W	93N88W	91S89W	70N71W	44N55E	56N52E	72N39E
Chanda	Normal	23S88E	15S68E	9S52W	21S73W	31N76W	54W	70S88W	62N80W	42N70W	32N48E	48N62E	37N63E
	Actual	17N88E	12S50E	12S16E	36S72W	39N84W	72S89W	90S79W	91S70W	46N72W	30N59E	52N47E	47N29E
Sironcha	Normal	14S75E	24S15E	36S 2W	38S14W	19S30W	50S72W	83S79W	63S85W	41N85W	32N9E	58N7E	47N1W
	Actual	15N49W	22S27E	25S 3E	39S26W	26S42W	39N82W	74S76W	67S81W	43N67W	38N27E	41N39E	67N1W
Chikalda	Normal	26S47W	29N75W	34N53W	50N42W	65N38W	64N45W	67N58W	72N38W	62N23W	45N3E	21N6W	9N88W
	Actual	23S54W	21S67W	32N43W	71N25W	35N31W	60N31W	67N47W	61N24W	77N7W	21N21E	2N13E	29N17W
Buldana	Normal	21N76E	29N 5W	50N28W	55N31W	31N53W	65N75W	73N82W	72N65W	64N48W	52N29E	59N69E	52N82E
	Actual	14S63E	12N37W	44N17W	87N29W	68N37W	66N60W	83N73W	86N68W	70N26W	48N65E	61N75E	74N78E
Akola	Normal	30N54E	25N 1E	44N43W	57N48W	72N51W	71N71W	77N74W	80N71W	66N66W	32N20E	50N64E	58N61E
	Actual	36N29E	24N55W	29N66W	83N49W	66N35W	82N57W	88N86W	95N48W	90N47W	34N2E	70N49E	72N47E
Amraoti	Normal	10S88E	4N34E	25N87W	33N55W	50N57W	63S69W	73N82W	71N77W	45N63W	42N55E	61N74E	51N83E
	Actual	28S74E	14S30E	5S63W	61N61W	47N88W	73N86W	79N82W	87N84W	56N43W	49N71E	58S83E	72N80E
Makhla	Normal	32S79W	46S83W	43N75W	42N67W	52N73W	54N83W	65S81W	63S82W	57N89W	34N59W	24N83W	29S80W
	Actual	23S65W	36S77W	42N73W	75N56W	56N82W	58S76W	58S86W	53S79W	29N75W	28N76W	33S82W	50S56W
Neemuch	Normal	29S14W	26S44W	45S65W	61S77W	77S67W	77S62W	78S61W	79S61W	56S81W	27N74W	20S53E	22S21E
	Actual	50S87E	36N30E	47N56W	72N80W	64N84W	90N87W	88S81W	86S80W	50N83W	21N87E	31E	44N81E
Nowgong	Normal	22N24W	33N52W	54N63W	54N76W	44N70W	43N72W	40S78W	38S82W	28N67W	35N42W	32N10W	29N34W
	Actual	38N21W	43N68W	77W	88N89W	74N78W	74N83W	62N87W	66S89W	69N78W	43N70W	13N75W	51N72W
Sutna	Normal	27N16W	38N41W	39N55W	55N60W	52N50W	50N59W	45N81W	39N70W	31N55W	47N34W	33N21W	39N31W
	Actual	26N26E	37N33W	63S61W	76N65W	58N63W	75N63W	52N83W	57N85W	40N56W	50N12W	41N5E	58N39W
Indore	Normal	10S84E	15N14E	31N51W	54N59W	63N71W	70S87W	75S78W	77S57W	53N66W	36N47E	54N78E	39S88E
	Actual	23S89E	23N33E	43N35W	64N50W	47S89W	60W	79S74W	83S70W	61N38W	34N69E	49N66E	49N63E
Bickaneer	Normal	8S75E	5N26W	18S56W	37S60W	45S72W	62S48W	36S31W	49S35W	38S47W	41S61W	14S45W	15N74E
	Actual	17S27W	19S 8W	22S65W	30S15W	20S35W	31S32W	49S 5W	55S	62S27W	30S54W	13N45W	22N50W

TABLE XIX.—*Average and actual (for 1888) direction and steadiness of wind of 127 stations in India, for each month of the year*—continued.

STATIONS.		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
		°/₀ °	°/₀ °	°/₀ °	°/₀ °	°/₀ °	°/₀ °	°/₀ °	°/₀ °	°/₀ °	°/₀ °	°/₀ °	°/₀ °
Jeypore	Normal	21N20E	40N 8W	34N20W	56N39W	50N45W	47N57W	25N51W	42N55W	45N27W	38N 1W	41N13W	29N 7W
	Actual	36N36E	40N 4E	50N40W	77N40W	66N46W	61N58W	37N45W	37N45W	62N17W	28N 4E	23N19E	61N64W
Sambhar	Normal	16N20W	37N57W	38N63W	60N75W	56N80W	63S87W	38S87W	61S85W	54N67W	53N65W	44N47W	25N41W
	Actual	38N15W	45N29W	56N60W	80N61W	83N80W	85N82W	55N72W	45S87W	72N51W	55N37W	30N29W	45N48W
Ajmere	Normal	8N82E	8S77W	28S61W	52S74W	63S60W	68S61W	64S62W	56S70W	44S80W	23N76W	10N32E	15N84E
	Actual	16S62E	22N 7W	49N83W	80N84W	59S87W	83N79W	76N79W	62N89W	73N67W	26N77W	6N16E	19N76W
Mt. Abu	Normal	6N83W	24N71W	39S85W	53S76W	70S62W	74S42W	66S49W	72S58W	27S67W	6N14E	20N78E	14N48E
	Actual	23N69W	19N48W	56N82W	67N74W	62S81W	86S56W	72S60W	70S61W	47S76W	23S70W	35N78E	40N18E
Pachpadra	Normal	21N58E	10N58E	19S40W	46S47W	68S44W	81S39W	66S33W	74S39W	56S45W	17S36W	29N57E	23N50E
	Actual	39N42E	17N35E	43S53W	58S78W	70S44W	92S41W	78S38W	65S32W	54S39W	2S40W	18N62E	26N68E
Jacobabad	Normal	27N10W	36N17E	26N67E	18S84E	17S61E	46S31E	56S45E	54S50E	41S36E	11S47E	16N12W	22N15W
	Actual	21N19E	18N 9W	2S 3E	12N42W	19N88W	49S46E	70S44E	71S43E	57S23E	16S57E	13N42E	3N 5E
Hyderabad	Normal	55N11W	41N25W	39N83W	58S53W	72S47W	78S39W	75S41W	81S43W	73S40W	42S61W	44N18W	64N 6W
	Actual	48N42E	52N44E	40S62W	77S47W	72S50W	?	?	?	?	?	9N72W	56N32E
Kurrachee	Normal	17N23W	27N80W	64S69W	80S62W	85S60W	85S58W	83S62W	84S63W	83S62W	64S67W	18S81W	14N42E
	Actual	28N61E	6S32E	75S77W	82S82W	86N88W	91S68W	90S75W	92S72W	92S66W	42S84W	7N20W	19N20E
Bhuj	Normal	52N23E	46N 7E	51N45W	69N71W	80S89W	79S72W	83S80W	87S82W	73N89W	21N30W	58N43E	64N40E
	Actual	49N31E	42N11E	67N68W	78N76W	77N83W	92S68W	90S77W	90S83W	87S88W	28N17W	52N62E	62N42E
Rajkot	Normal	56N19E	53N 8W	58N41W	68N54W	72N86W	70S70W	77S75W	73S82W	53N76W	35N 9E	50N45E	52N42E
	Actual	57N17E	58N 5W	73N30W	74N66W	78N76W	86S36W	83S66W	93S76W	84N74W	37N 3W	52N55E	77N44E
Deesa	Normal	39N 3W	36N28W	35N88W	53N89W	76S85W	72S36W	75S40W	72S47W	50S65W	16N62W	31N33E	27N17E
	Actual	46N41E	33N 9E	45N63W	7 1W	66S57W	88S34W	85S30W	84S44W	67S86W	24N66E	45N78E	60N21E
Surat	Normal	35N17E	37N 2W	42N48W	43N66W	70S60W	79S48W	83S53W	83S62W	60S73W	19N14E	37N49E	47N51E
	Actual	57N79W	50N20E	39N22W	43S51W	80S54W	78S55W	91S58W	89S44W	95S36W	93S27W	91S17W	75S38W
Malegaon	Normal	8N65E	21N 9E	36N17W	52N21W	64N46W	66N82W	80W	63N82W	49N57W	38N44E	47N67E	39N83E
	Actual	39N17E	40N16E	47N10W	74N39W	50N45W	64N82W	93S79W	93S81W	72N42W	44N64E	44N52E	56N54E
Bombay	Normal	63N 6E	60N 4W	55N28W	55N52W	67N82W	66S63W	84S75W	81S81W	55S89W	38N15E	59N17E	63N17E
	Actual	55N14E	55N 7W	44N47W	53N61W	67N80W	67S38W	90S76W	92S78W	56N58W	48N13E	44N31E	57N25E
Poona	Normal	24S63E	21N28W	42N41W	49N35W	66N55W	73S79W	85S79W	82S84W	70N89W	17N38E	45N83E	56S78E
	Actual	26N64W	61N76W	55N65W	78N60W	82N74W	88S75W	93S80W	91S82W	77N79W	Anemograph an distinct.		
Sholapur	Normal	55S60E	32S33E	9N51E	14N18E	46N41W	66N86W	81S80W	79N89W	68N73W	30N30E	63N69E	57N89E
	Actual	38S55E	20S 8W	2N45E	51N10E	54N45W	87S70W	90S76W	89S85W	72N57W	42N85E	74N84E	85N87E
Ratnagiri	Normal	30N34W	52N52W	60N72W	67N76W	64N73W	66S53W	77S55W	61S63W	55S88W	17S84W	30N 1W	36N 4W
	Actual	43N11E	73N28W	51N58W	69N49W	70N56W	55S35W	85S66W	88S71W	72N44W	11N28W	21N58E	39N47E
Belgaum	Normal	50S71E	23S78E	8S88W	25S83W	73S88W	86S73W	90S70W	89S79W	82N84W	72N88E	67N84E	70S84E
	Actual	11S52E	17S54W	41N80W	50N82W	69S82W	89S40W	93S56W	91S52W	69S74W	17N75E	46N83E	80N77E
Karwar	Normal	53N 5W	61N50W	70N80W	75N84W	81N69W	76S76W	80S74W	79W	78N86W	56N82W	40N26W	57N 1E
	Actual	46N21W	64N25W	74N77W	30N54W	80N58W	75S49W	58S69W	70S70W	86N70W	87N58W	35N31W	66N
Gopalpur	Normal	20S63E	48S12E	75S 2W	89S 7W	86S 1W	73S12W	72S17W	64S12W	44S 6W	23N45E	44N32E	44N43E
	Actual	30N86E	52S31E	76S 9W	91S20W	93S 7W	73S 7W	72S16W	77S24W	36S 6W	34N56E	44N34E	44N37E

TABLE XIX.—*Average and actual (for 1888) direction and steadiness of wind of 127 stations in India, for each month of the year*—continued.

STATIONS.		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
		°/₀ °	°/₀ °	°/₀ °	°/₀ °	°/₀ °	°/₀ °	°/₀ °	°/₀ °	°/₀ °	°/₀ °	°/₀ °	°/₀ °
Vizagapatam	Normal	42S60E	43S11W	58S45W	64S48W	60S41W	63S58W	74S74W	64S74W	48S60W	18S65E	56N75E	55N83E
	Actual	19S87E	64S40W	80S48W	87S48W	78S44W	68S57W	76S56W	81S61W	56S35W	17S71E	59N29E	66N42E
Masulipatam	Normal	81N69E	73S73E	79S20E	83S 3W	63S19W	73S74W	79S81W	77S84W	72N77W	38N29E	81N58E	82N58 E
	Actual	65S48E	73S 8E	84S10E	79S 3W	47S 1E	60N80W	82N64W	68N68W	26N78W	48S74E	60N89E	63N87E
Secunderabad	Normal	71S89E	50S74E	25S64E	11S6W	40N77W	85S79W	85S73W	82S87W	74N86W	44N30E	75N53E	74N63E
	Actual	69S72E	38S42E	36S53E	14N68W	19N81W	79S80W	90S83W	88S84W	64N24W	64N64E	74N86E	82N79E
Bellary	Normal	74S70E	54S36E	22S27E	16S51W	62N78W	84W	88S89W	87N85W	78N78W	19N17E	59N84E	72S85E
	Actual	58S51E	29S23E	7S35E	11N41W	46N68W	84S71W	95S85W	90S83W	70N76W	42S87E	60S88E	77N86E
Mangalore	Normal	23N24W	39N76W	69N84W	82N16W	70N76W	45S82W	59S81W	60N82W	52N89W	41S76W	28N66W	15N5E
	Actual	24N26W	52N55W	76N72W	58N87W	46N79W	37S51W	67S84W	56N89W	49N69W	20S89W	10N56W	27N7E
Mercara	Normal	60N68E	35N59E	18N42W	44N71W	67N67W	85N79W	89N77W	86N71W	86N72W	26N43W	50N60E	74N73E
	Actual	24N26E	28N81E	15N41W	41N75W	64N75W	97S89W	99N89W	97N87W	78N70W	46N68E	50S87E	81N76E
Bangalore	Normal	83N88E	66S67E	50S22E	52S33W	72S71W	90S71W	91S71W	91S78W	88S82W	9N16W	63N60E	84N70E
	Actual	68E	61S51E	46S2E	59S26W	76S74W	92S65W	92S72W	93S77W	90S87W	40N57E	54N76E	91N60E
Madras	Normal	76N48E	68E	81S50E	83S40E	66S15E	58S36W	65S46W	58S40W	53S36W	10N35E	59N24E	75N24E
	Actual	76N58E	78S60E	88S36E	89S25E	77S16E	73S45W	74S40W	88S41W	60S13W	45N51E	52N61E	85N28E
Salem	Normal	58N88E	49S79E	84S46E	37S14W	64S55W	82S62W	80S61W	79S61W	79S68W	32S41W	35S89E	52N83E
	Actual	62S58E	38S38E	39S74E	23S9W	40S46W	79S60W	92S52W	78S59W	65S75W	16S71E	54S31E	68N87E
Wellington	Normal	62S14E	60S31E	65S43E	68S49E	24N88E	52N88W	69N82W	46S81W	33S79W	27S32E	53S41E	60S35E
	Actual	83S25E	77S53E	77S68E	65S68E	36N83E	68S86W	84S82W	69S63W	43S22W	53N57E	65S22E	60S45E
Calicut	Normal	...	...	...	...	...	...	...	...	...	...	...	...
	Actual	22N53W	61N65W	91N61W	54N72W	51N76W	38S87W	50N64W	57N55W	68N76W	56N86W	27S70W	20N56W
Coimbatore	Normal	78N74E	74N82E	53S76E	53S21E	69S17W	82S41W	84S44W	85S33W	81S34W	43S8E	49N78E	75N69E
	Actual	77N62E	43N89E	50N78E	53S3E	73S35W	83S60W	88S50W	87S41W	80S33W	49S75E	31N87E	74N71E
Trichinopoly	Normal	78N45E	74N65E	50S85E	18S50E	61S80W	84N88W	79S89W	83N81W	80N80W	36N45W	51N27E	75N39E
	Actual	81N54E	71N74E	57S80E	16S60W	53S84W	87N84W	91N81W	81N80W	62N55W	38N47E	55N53E	74N32E
Negapatam	Normal	90N47E	79N65E	70S61E	79S36E	69S11W	90S45W	88S49W	87S48W	86S44W	30S51W	49N34E	85N38E
	Actual	80N56E	74N87E	84S58E	78S26E	64S21W	87S42W	83S50W	85S58W	83S40W	28N40E	34N19E	63N38E
Madura	Normal	63N56E	82N72E	74N87E	67S31E	59S15W	75S75W	86N79W	86N73W	81N72W	66N71W	42N24W	49N39E
	Actual	61N32E	67N65E	78S60E	16S47E	11N63W	60N87W	68W	43S71W	33N50W	47N7W	49N7E	78N
Cochin	Normal	24S6E	26S74W	44W	53N89W	52S84W	50S72W	51S78W	57S85W	61N89W	42S70W	28S33W	24S29W
	Actual	20N51W	45N52W	75N54W	64N75W	53N75W	32N85W	65N66W	55N78W	70N64W	51N74W	35S86W	77N30W
Mandalay	Normal	...	...	...	...	...	...	...	...	...	...	...	...
	Actual	5N68W	24S63W	27S43W	38S21W	39S5W	63S12W	67S23W	41S21E	11S13E	Not received.		
Bhamo	Normal	...	...	...	...	...	...	...	...	...	...	...	...
	Actual	?	?	?	37N9E	11N66W	15S76W	32S67W	45S56W	19N15W	11N66W	19N43E	48N32W
Kendat	Normal	...	...	...	...	...	...	...	...	...	...	...	...
	Actual	10N1W	13N27W	47N4W	51N2W	19N15E	21S	25S9W	21S22E	31N12W	62N5W	72N13E	75N4E
Akyab	Normal	39N23W	45N27W	26N58W	40S75W	31S33W	58S2E	68S4E	62S1E	42S9E	12S35E	29N 6W	39N15W
	Actual	47N10W	38N19W	33S30E	33S19W	29S13E	30S4E	63S44W	64S40W	30S19W	22N31E	42N31E	68N46E

TABLE XIX.—*Average and actual (for 1888) direction and steadiness of wind of 127 stations in India, for each month of the year*—concluded.

STATIONS.		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
		°/₀ °	°/₀ °	°/₀ °	°/₀ °	°/₀ °	°/₀ °	°/₀ °	°/₀ °	°/₀ °	°/₀ °	°/₀ °	°/₀ °
Thayetmyo	Normal	27N60E	12S48E	22S29E	43S3E	56S5E	81S5E	83S4E	78S3E	72S12E	26S32E	37N15E	55N26E
	Actual	27S74E	19S6E	46S2E	56S38W	57S4W	64S1E	81S2E	79S4E	61S32E	29N84E	49N1E	57N22E
Toungoo	Normal	54N27W	17N19W	34S16E	54S19E	58S21E	75S20E	75S18E	67S13E	56S3E	18S80W	62N33W	71N30W
	Actual	32N27W	60S3W	53S13E	61S23E	83S18E	79S17E	85S16E	83S11E	52S12E	17N46W	70N36W	88N31W
Bassein	Normal	58N3W	73N49W	82N57W	72N66W	44S82W	66S15W	66S26W	63S34W	50S25W	8S22E	57N56E	62N31E
	Actual	46N47W	72N51W	65N48W	40N66W	44S78W	55S46W	64S41W	54S47W	25S42W	19S85E	44N47E	48N16E
Diamond Island	Normal	74N6E	86N25W	85N42W	73N58W	45S76W	75S32W	80S41W	78S44W	58S39W	21S59E	64N59E	74N34E
	Actual	66N17W	86N30W	92N46W	79N54W	60S76W	82S42W	90S49W	90S49W	60S43W	33N80E	67N54E	81N26E
Rangoon	Normal	42N25E	13S56W	56S22W	59S21W	56S17W	71S16W	73S29W	68S36W	59S23W	27S46E	56N57E	61N36E
	Actual	18S45W	39S24W	60S27W	61S47W	69S85W	79S33W	86S51W	78S44W	41S	31S72E	36N56E	71N18E
Moulmein	Normal	46N19E	22N13W	44S54W	58S55W	47S42W	66S21W	68S30W	69S33W	51S32W	14N55E	46N55E	41N26E
	Actual	49N17E	15S6W	58S44W	82S44W	66S44W	82S10W	77S35W	68S25W	56S36W	1N82W	42N26E	58N7E
Mergui	Normal	59N12W	56N38W	43N53W	44N56W	34S68W	62S48W	61S60W	63S63W	59S64W	22S79W	42N28E	65N27E
	Actual	50N14W	74N31W	77N20W	65N21W	32N78W	74S57W	63S89W	50S87W	51N84W	30N16W	55N17E	62N67E
Cocos Island	Normal	...	...	...	...	...	...	...	...	...	...	...	...
	Actual	69N14W	89N27W	90N47W	Not recorded.								
Port Blair	Normal	78N39E	76N41E	69N56E	45N84E	48S34W	82S38W	89S44W	82S43W	73S43W	24S5W	53N63E	72N51E
	Actual	63N53E	67N57E	47N72E	50N44E	9S81W	81S56W	89S49W	87S55W	72S61W	37S34E	50S67E	62N67E
Nancowry	Normal	82S87E	81N80E	70N86E	30S56E	58S43W	90S43W	91S44W	90S46W	83S30W	53S39W	42S39E	75S78E
	Actual	93N62E	92N64E	92N59E	47S49E	54S14E	96S37W	95S36W	96S44W	99S47W	31S77E	47S74E	Imperfect.

TABLE XX.—*Average and actual (for 1888) wind velocities of 127 Stations in India, Ceylon, &c.*

STATIONS.		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Baghdad	Normal	...	...	...	...	...	...	...	...	...	...	...	...
	Actual	146	248	217	200	190	170	217	247	100	124	139	89
Aden	Normal	288	310	356	356	254	182	225	258	204	293	277	298
	Actual	349	411	304	424	238	260	299	299	286	340	373	281
Bushire	Normal	189	208	215	218	215	260	222	187	184	157	147	158
	Actual	146	148	201	181	198	?	173	182	163	128	177	186
Amini Divi	Normal	...	...	...	...	...	...	...	...	...	...	...	...
	Actual	201	163	?	?	?	?	?	Not recorded.				
Quetta	Normal	92	105	115	115	113	113	121	107	83	72	65	64
	Actual	60	90	119	53	102	94	86	88	73	53	73	56

TABLE XX.—*Average and actual (for 1888) wind velocities of 127 stations in India, Ceylon, &c.*—continued.

Stations.		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Leh	Normal	24	35	51	74	76	58	45	38	40	47	50	33
	Actual	35	29	50	70	77	76	58	49	45	40	43	24
Mooltan	Normal	41	56	50	61	69	90	81	76	67	49	35	32
	Actual	30	36	56	50	52	81	56	48	38	31	23	23
Dera Ismail Khan	Normal	34	47	49	58	54	58	58	50	40	29	18	19
	Actual	30	40	68	54	55	48	66	51	34	36	25	23
Peshawar	Normal	59	80	90	101	116	104	106	95	74	60	50	57
	Actual	21	50	71	?	124	149	131	112	89	68	82	67
Murree	Normal	194	196	225	210	200	158	137	114	130	137	123	147
	Actual	176	192	181	231	164	157	115	126	136	169	180	166
Rawalpindi	Normal	46	57	62	68	67	62	51	37	30	30	27	27
	Actual	56	69	103	125	98	77	98	62	47	48	32	31
Sialkot	Normal	33	41	46	55	60	59	59	55	39	34	24	26
	Actual	36	43	51	82	111	75	79	46	19	18	18	29
Lahore	Normal	46	57	75	80	80	84	79	69	49	38	33	35
	Actual	31	57	77	75	62	97	108	67	50	39	26	33
Ludhiana	Normal	26	38	44	50	53	59	49	35	25	21	18	20
	Actual	9	18	20	26	29	33	20	11	36	46	30	46
Chamba	Normal	39	66	104	103	107	103	94	75	?	108	83	63
	Actual	102	103	135	127	141	131	90	86	100	119	107	97
Kailang	Normal	?	?	?	?	?	?	?	?	?	?	?	20
	Actual	32	42	49	67	60	58	59	55	39	33	29	9
Simla	Normal	48	59	67	70	69	56	37	37	40	59	46	42
	Actual	Not recorded.											
Delhi	Normal	72	87	93	94	107	118	107	99	91	58	56	65
	Actual	67	96	93	101	92	105	87	58	47	21	31	30
Sirsa	Normal	63	83	90	97	115	124	114	111	86	61	48	53
	Actual	62	109	123	136	137	?	?	142	107	78	63	74
Chakrata	Normal	116	130	142	146	144	136	111	103	112	122	107	102
	Actual	107	?	119	132	161	129	94	114	130	103	139	54
Mussooree	Normal	?	?	?	?	296	260	210	196	195	203	?	?
	Actual	199	233	249	289	333	280	201	190	197	189	213	196
Dehra	Normal	43	48	55	62	59	39	29	26	27	40	41	40
	Actual	18	39	45	47	50	54	18	21	29	31	24	8

TABLE XX.—*Average and actual (for 1888) wind velocities of 127 stations in India, Ceylon, &c.*—continued.

Stations.		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Roorkee	Normal	52	68	70	76	88	94	71	60	49	34	27	32
	Actual	32	67	62	99	74	90	55	41	30	18	26	21
Ranikhet	Normal	33	47	62	72	79	77	51	46	45	41	29	32
	Actual	78	80	115	142	116	118	72	53	68	47	43	30
Pithoragarh	Normal	50	61	71	87	87	69	53	52	63	58	39	47
	Actual	47	64	89	92	87	60	41	41	57	58	57	52
Meerut	Normal	51	63	65	57	63	62	56	51	50	34	31	39
	Actual	37	68	69	76	58	75	52	41	44	34	35	?
Bareilly	Normal	67	96	103	108	124	117	99	85	71	46	42	53
	Actual	66	114	124	118	95	101	56	46	49	19	17	23
Agra	Normal	83	97	109	112	141	137	120	106	99	72	59	61
	Actual	72	106	119	134	124	140	90	100	100	56	56	48
Lucknow	Normal	57	78	97	106	102	102	94	72	68	47	34	40
	Actual	39	81	105	125	104	163	136	105	127	78	56	71
Gorakhpur	Normal	40	55	87	104	94	87	67	55	50	32	22	21
	Actual	45	86	82	130	106	84	79	71	56	28	14	20
Jhansi	Normal	53	65	81	100	114	138	99	93	76	63	44	55
	Actual	59	78	88	120	114	136	97	79	85	55	49	32
Allahabad	Normal	46	64	68	77	91	91	97	84	69	39	30	36
	Actual	64	100	113	137	138	151	138	131	118	49	42	60
Benares	Normal	70	97	114	121	124	123	114	101	93	62	51	58
	Actual	76	120	146	158	136	129	100	102	110	63	60	40
Ghazipur	Normal	36	55	67	86	80	76	71	56	52	36	24	24
	Actual	42	70	80	104	98	81	54	64	59	29	20	30
Sibsagar	Normal	43	53	68	69	69	63	66	64	60	48	40	38
	Actual	46	50	55	65	60	57	70	67	56	44	30	34
Tezpur	Normal	?	?	?	323	?	?	124	141	151	131	186	190
	Actual	179	161	262	290	241	100	140	117	106	161	179	179
Dhubri	Normal	93	95	151	192	168	116	94	78	77	69	118	109
	Actual	89	98	148	237	171	91	112	118	?	97	119	106
Silchat	Normal	49	67	78	83	81	75	75	73	65	51	49	45
	Actual	41	60	83	95	72	57	62	60	46	36	32	53
Darjeeling	Normal	62	121	160	202	149	113	63	81	73	62	40	46
	Actual	55	74	137	174	253	173	204	278	143	121	101	106

TABLE XX.—*Average and actual (for 1888) wind velocities of 127 stations in India, Ceylon, &c.*—continued.

Stations.		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Purneah	Normal	41	59	81	86	81	79	71	55	49	34	28	32
	Actual	55	77	37	94	44	44	48	59	63	39	33	40
Durbhunga	Normal	55	80	107	123	141	136	120	105	87	53	43	49
	Actual	89	156	119	211	171	122	150	156	100	53	40	65
Patna	Normal	48	69	82	105	114	101	87	77	69	45	37	40
	Actual	68	95	101	147	141	88	102	113	88	38	30	29
Gya	Normal	39	62	79	92	93	83	70	61	56	37	29	31
	Actual	50	96	107	153	104	139	71	76	67	44	32	35
Hazaribagh	Normal	118	156	178	201	210	213	203	180	169	119	104	110
	Actual	151	208	218	274	221	229	209	178	167	98	93	127
Berhampore	Normal	43	56	82	124	132	133	121	101	88	51	40	38
	Actual	42	56	81	138	127	98	104	155	84	46	44	41
Burdwan	Normal	44	55	81	115	132	118	103	86	75	49	46	45
	Actual	42	50	77	118	132	99	73	77	42	24	29	31
Jessore	Normal	38	48	78	108	117	119	111	99	83	52	44	40
	Actual	43	53	82	107	120	108	94	118	74	46	45	48
Dacca	Normal	50	63	113	162	148	173	174	145	111	56	46	45
	Actual	58	63	132	216	155	138	143	174	89	51	29	53
Chittagong	Normal	89	106	139	169	153	166	172	146	109	71	73	76
	Actual	40	50	111	189	125	124	153	154	52	28	16	27
Calcutta (Alipore)	Normal	71	91	132	179	171	148	127	127	109	76	71	72
	Actual	48	68	111	177	158	153	129	162	69	35	39	46
Saugor Island	Normal	151	189	295	401	367	350	341	299	241	156	154	153
	Actual	199	203	384	539	504	441	461	464	254	169	177	186
Cuttack	Normal	35	54	84	122	122	96	78	61	58	45	41	31
	Actual	28	32	77	151	154	93	69	69	45	28	27	16
False Point	Normal	145	179	261	320	303	276	252	229	190	146	155	151
	Actual	153	187	296	408	419	332	308	292	196	149	158	158
Sambalpur	Normal	38	41	47	61	72	82	86	72	52	48	33	33
	Actual	45	35	30	46	68	78	66	58	40	29	28	27
Raipur	Normal	62	88	113	141	179	208	280	176	141	92	80	63
	Actual	94	124	159	220	247	287	296	285	141	109	101	84
Nagpur	Normal	73	93	108	127	168	183	189	144	118	89	71	68
	Actual	115	128	143	198	?	228	284	251	120	111	117	109

BLE XX.—*Average and actual (for 1888) wind velocities of 127 stations in India, Ceylon, &c.*—continued.

Stations.		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Jhansi	Normal	64	70	83	91	111	137	148	114	93	73	61	59
	Actual	54	73	79	130	135	151	181	150	91	39	37	31
Jubulpore	Normal	52	60	72	83	108	128	120	109	81	51	43	43
	Actual	28	42	49	63	83	98	101	88	69	42	42	37
Saugor	Normal	66	68	78	90	105	126	123	104	80	64	56	60
	Actual	111	120	128	148	166	173	202	P	210	118	118	94
Pachmarhi	Normal	73	92	109	128	164	185	227	179	134	70	60	63
	Actual	55	76	78	113	124	135	193	190	106	40	42	32
Hoshangabad	Normal	60	69	62	69	92	109	107	82	60	37	44	58
	Actual	47	48	41	52	58	59	99	68	23	16	25	25
Khandwa	Normal	67	86	110	134	219	222	201	182	148	70	61	57
	Actual	86	114	128	194	248	249	276	246	159	62	79	61
Chanda	Normal	49	65	77	92	118	151	150	129	99	56	44	38
	Actual	56	66	73	113	130	160	200	188	75	46	53	48
Sironcha	Normal	45	66	79	100	114	109	101	83	70	64	63	50
	Actual	47	46	63	86	95	103	87	83	58	46	28	37
Chikalda	Normal	111	136	166	188	218	230	246	247	228	131	100	98
	Actual	134	178	181	244	263	230	P	P	P	P	132	118
Buldana	Normal	133	147	183	219	291	265	231	205	202	121	119	123
	Actual	122	150	154	227	263	205	212	183	186	121	127	116
Akola	Normal	82	91	106	130	206	214	201	190	140	79	82	76
	Actual	85	94	87	134	189	190	194	177	137	76	95	70
Amraoti	Normal	77	89	97	106	143	177	182	146	107	69	73	75
	Actual	131	148	133	144	203	209	275	247	126	106	110	116
Neemuch	Normal	194	219	219	247	297	340	293	285	246	189	180	195
	Actual	151	180	220	232	259	305	248	P	162	85	104	84
Nowgong	Normal	33	40	55	68	81	106	100	81	57	36	25	28
	Actual	26	38	59	77	84	88	79	87	61	28	26	18
Sutna	Normal	95	112	132	163	194	230	226	190	156	102	77	86
	Actual	115	133	158	202	245	306	298	182	152	105	100	96
Indore	Normal	59	72	88	105	147	168	163	148	115	55	48	49
	Actual	67	81	94	172	150	165	195	165	108	43	71	41
Bickaneer	Normal	70	88	104	113	157	188	160	150	145	107	76	68
	Actual	P	P	149	172	200	276	215	193	161	114	91	63

TABLE XX.—*Average and actual (for 1888) wind velocities of 127 stations in India, Ceylon, &c.*—continued.

Stations.		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Jeypore	Normal	94	106	137	138	166	175	148	133	125	89	72	82
	Actual	85	102	118	128	137	231	126	122	130	85	63	67
Sambhar	Normal	108	127	150	169	238	269	217	196	174	112	81	89
	Actual	119	138	172	195	227	271	229	191	203	112	83	76
Ajmere	Normal	46	60	85	120	171	200	167	131	119	62	33	34
	Actual	38	70	141	217	232	287	215	177	171	66	56	49
Mount Abu	Normal	116	133	161	185	226	242	253	259	175	96	88	88
	Actual	96	131	157	217	234	256	283	227	173	93	103	71
Pachpadra	Normal	68	79	98	108	211	288	235	234	145	89	51	50
	Actual	72	101	131	159	259	339	306	228	121	64	53	28
Jacobabad	Normal	50	73	94	93	113	114	128	97	74	54	38	38
	Actual	51	53	100	100	92	111	117	103	60	38	31	32
Hyderabad	Normal	174	167	198	245	304	366	333	330	300	188	147	156
	Actual	59	54	181	271	?	?	?	?	?	?	186	145
Kurrachee	Normal	239	252	284	336	419	443	428	413	358	233	189	220
	Actual	250	236	299	389	429	449	483	Out of order.	369	265	211	211
Bhuj	Normal	143	161	198	261	370	386	399	356	270	144	112	124
	Actual	149	160	221	313	394	386	465	368	247	137	162	122
Rajkot	Normal	125	149	195	248	323	348	348	278	203	134	117	115
	Actual	153	156	180	234	345	240	370	?	205	122	122	114
Deesa	Normal	207	215	213	225	321	403	347	288	203	161	181	195
	Actual	192	221	219	241	347	410	437	350	202	166	233	195
Surat	Normal	125	129	155	192	304	373	376	325	221	124	142	120
	Actual	?	?	?	?	?	?	?	?	?	?	?	?
Malegaon	Normal	94	119	155	185	250	286	284	240	183	109	97	83
	Actual	89	112	136	193	250	216	312	301	195	101	98	83
Bombay	Normal	243	257	275	271	237	390	458	378	280	235	238	239
	Actual	244	254	240	299	260	345	488	452	226	198	235	236
Poona	Normal	136	150	199	237	341	385	406	336	274	139	140	137
	Actual	144	167	199	239	322	344	450	393	222	Trace indistinct.		
Sholapur	Normal	169	155	177	196	239	293	295	264	238	177	184	163
	Actual	180	179	191	262	244	?	322	341	243	265	265	219
Ratnagiri	Normal	235	234	237	265	268	289	330	246	198	184	217	238
	Actual	224	236	218	277	279	257	355	234	192	180	214	224

TABLE XX.—*Average and actual (for 1888) wind velocities of 127 stations in India, Ceylon, &c.*—continued.

STATIONS.		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Belgaum	Normal	261	241	279	314	435	583	669	497	400	251	280	296
	Actual	225	239	278	343	419	561	671	614	306	221	257	319
Gopalpur	Normal	156	230	283	348	319	277	272	219	173	151	169	165
	Actual	179	191	285	495	508	385	419	360	243	212	207	247
Vizagapatam	Normal	42	49	72	94	90	92	97	71	52	47	57	51
	Actual	17	17	25	59	41	50	65	58	18	10	9	12
Masulipatam	Normal	125	123	163	211	214	226	232	186	153	105	132	137
	Actual	87	88	82	163	176	138	148	114	69	95	78	66
Secunderabad	Normal	91	91	121	126	178	295	319	239	167	92	85	80
	Actual	111	137	142	181	214	305	346	299	124	128	103	88
Bellary	Normal	80	96	111	125	202	253	279	256	224	103	79	76
	Actual	83	73	91	141	184	263	286	298	211	110	90	77
Mangalore	Normal	94	84	83	88	111	90	78	69	59	64	73	85
	Actual	84	93	89	88	100	72	92	59	62	53	72	68
Mercara	Normal	104	96	83	92	126	217	272	214	189	87	88	112
	Actual	62	78	67	56	90	192	273	220	135	111	121	175
Bangalore	Normal	92	86	86	85	133	202	206	181	161	95	90	93
	Actual	70	81	74	80	120	183	191	158	98	71	75	80
Madras	Normal	147	121	153	189	222	215	199	175	157	121	164	184
	Actual	113	111	135	195	221	223	182	168	141	131	131	167
Salem	Normal	120	135	132	119	106	117	113	100	90	67	80	96
	Actual	96	109	122	80	72	101	106	69	50	52	43	62
Wellington	Normal	57	66	68	69	72	122	139	90	83	62	65	59
	Actual	43	58	62	59	68	119	127	88	47	49	42	52
Calicut	Normal	...	...	...	...	...	...	...	...	...	...	...	...
	Actual	139	183	213	211	226	159	151	112	134	128	143	138
Coimbatore	Normal	75	77	79	83	126	186	197	177	159	83	63	73
	Actual	37	55	55	72	92	169	168	154	112	62	46	49
Trichinopoly	Normal	113	99	92	96	143	221	236	96	170	91	101	120
	Actual	110	98	90	104	126	265	293	224	170	106	81	119
Negapatam	Normal	130	86	87	124	178	200	172	137	124	89	124	164
	Actual	120	72	92	119	143	169	164	143	128	106	100	184
Madura	Normal	129	119	98	85	89	116	110	98	81	69	92	117
	Actual	87	88	78	81	65	95	80	76	73	78	67	99

TABLE XX.—*Average and actual (for 1888) wind velocities of 127 stations in India, Ceylon, &c.*—continued.

STATIONS.		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Colombo	Normal	202	149	121	136	205	245	215	209	209	176	139	189
	Actual	221	161	150	189	252	307	250	237	225	142	159	269
Jaffna	Normal	79	73	105	158	287	314	305	296	288	178	76	86
	Actual	63	85	150	278	385	464	400	417	374	180	135	124
Trincomalee	Normal	256	214	186	215	321	432	422	361	349	237	164	223
	Actual	240	221	156	151	155	226	193	183	168	142	149	291
Batticaloa	Normal	221	188	163	155	142	138	152	146	117	122	133	163
	Actual	138	251	100	108	91	76	116	122	113	88	91	142
Hambantota	Normal	237	222	172	175	255	266	279	280	279	216	148	184
	Actual	186	167	105	174	213	185	248	236	229	109	136	118
Galle	Normal	62	61	70	93	187	232	203	207	212	179	92	75
	Actual	82	80	91	147	209	317	213	199	231	100	108	99
Kandy	Normal	77	74	45	34	52	73	68	62	56	39	38	50
	Actual	52	58	32	24	29	48	50	42	36	28	24	23
Newera Eliya	Normal	69	75	63	53	77	135	117	101	92	66	61	77
	Actual	47	85	53	35	58	176	106	84	68	69	178	52
Kendat	Normal	...	...	...	...	...	...	...	...	...	...	...	...
	Actual	52	54	70	75	67	58	51	48	46	23	47	43
Akyab	Normal	63	82	90	95	85	95	90	77	72	56	54	54
	Actual	63	85	90	117	102	97	125	123	83	82	70	80
Thayetmyo	Normal	57	100	124	168	175	197	161	141	112	73	84	76
	Actual	82	117	133	205	216	240	211	203	114	92	80	74
Toungoo	Normal	45	45	67	96	94	115	116	95	67	44	41	56
	Actual	37	50	79	108	124	153	150	132	65	51	40	46
Bassein	Normal	70	90	116	124	107	97	95	81	82	61	75	65
	Actual	?	139	130	176	123	137	139	131	104	118	97	97
Diamond Island	Normal	159	172	190	172	169	204	214	161	164	154	206	177
	Actual	120	169	177	152	148	228	247	189	140	192	166	157
Rangoon	Normal	102	94	120	138	121	128	131	112	92	76	106	119
	Actual	86	117	137	168	124	168	151	140	94	97	94	129
Moulmein	Normal	59	58	72	77	75	81	92	76	66	41	58	61
	Actual	53	66	83	113	76	?	137	132	106	92	71	87
Mergui	Normal	47	48	47	50	50	46	44	40	36	35	39	42
	Actual	51	61	55	68	43	48	34	35	30	34	32	33

TABLE XX.—*Average and actual (for 1888) wind velocities of 127 stations in India, Ceylon, &c.*—concluded.

Stations.		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Cocos Island	Normal	...	...	...	...	...	...	...	...	...	...	...	...
	Actual	143	138	101	Not recorded.								
Port Blair	Normal	167	121	106	117	175	241	265	230	223	154	172	174
	Actual	105	82	71	73	114	194	213	194	154	130	117	169
Nancowry	Normal	227	191	141	108	146	234	249	226	215	128	119	168
	Actual	161	143	109	59	57	192	184	122	116	58	67	?

January.—The winds in the Punjab and Rajputana were much steadier than usual. The velocity was approximately normal and ranged between 1 and 2 miles per hour. The air motion at the hill stations was steadier than usual, which was in part due to the abnormal prevalence of northerly winds. The following table gives data for these stations:—

	Mean Wind Direction.		Steadiness.	
	January 1888.	Average.	1888.	Average.
Simla	N. 38° W.	S. 31° W.	53	19
Chakrata	N. 88° W.	S. 66° W.	14	9
Darjeeling	N. 1° E.	S. 84° W.	9	22

North-westerly to westerly winds of unusual steadiness, and of average velocity ranging from 2 to 3 miles, prevailed over the whole of the Gangetic plain.

In Bengal light north-west winds prevailed during the month. They were steadier than usual, but of normal average velocity. As the weather was less disturbed than is usual in January in the Gangetic plain, the westerly component in these winds was stronger and more prominent than usual. The following data illustrate these statements:—

Stations.	Steadiness.		Direction.	
	Percentage, January 1888.	Average percentage, January.	Mean wind direction, January 1888.	Normal mean wind direction, January.
Jessore	69	51	N. 35° W.	N. 24° W.
Dacca	49	32	N. 68° W.	N. 53° W.
Chittagong	45	48	N. 37° W.	N. 24° W.

The same feature of increased steadiness was shown to a less extent by the wind observations in the Central Provinces, Berars and Central India. The average air movement during the month varied from 2 to 4 miles an hour over that area. The north-easterly winds in Central India were more strongly from the east and in the Central Provinces from the north, but the deflection of the current was in both cases small and apparently unimportant.

The air motion in Sind was more abnormal than that in any other part of India. The winds were less steady than usual, and were from some north-easterly instead of the normal north-westerly direction. This was apparently in part due to the large number of very shallow and feeble depressions which formed in or passed through Sind and West Rajputana. The following gives data :—

Stations.	Steadiness.		Direction.	
	Percentage, January 1888.	Average percentage, January.	Mean wind direction, January 1888.	Normal mean wind direction, January.
Jacobabad . . .	21	27	N. 19° E.	N. 10° W.
Hyderabad . . .	48	55	N. 42° E.	N. 11° W.
Deesa	46	39	N. 41° E.	N. 3° W

On the Bombay Coast the winds were of normal steadiness, but they showed a similar deviation to east, but to a less extent than was exhibited by the Sind stations. The variations of the air motion in the Deccan and Southern India were even less than in Northern India. Winds were less steady than usual in the whole of that area and also in Burma. At Diamond Island and Bassein winds were on the average north-westerly instead of northerly, as is generally the case in January.

February.—The air movement in the Punjab was smaller in amount and less steady than usual. In the Indus Valley the mean wind direction was north-north-east instead of north, the normal direction. Winds were very irregular at the hill stations, and indicated the absence of strong air currents at the elevation of 7,000 feet in the hill districts.

In the North-Western Provinces the winds were much steadier than usual, and were, on the whole, stronger. The abnormal features were most strongly shown by the stations in the eastern districts. The following gives data in illustration :—

Stations.	Steadiness.		Velocity.	
	Percentage, February 1888.	Average percentage, February.	Daily wind velocity, February 1888.	Normal daily wind velocity, February.
Roorkee	56	23	67	68
Bareilly	63	43	114	96
Lucknow . . .	62	44	81	78
Allahabad . . .	58	25	100	64
Benares	63	40	120	97

The same features of increased steadiness and velocity characterized the air motion in Behar and Chutia Nagpur :—

Stations.	Steadiness.		Velocity.	
	Percentage, February 1888.	Average percentage, February.	Daily wind velocity, February 1888.	Normal daily wind velocity, February.
Patna	80	47	95	69
Durbhunga . . .	72	46	156	80
Hazaribagh . . .	77	60	208	156

Hence unusually strong and steady north-west winds prevailed over the whole Gangetic plain during the month.

In Bengal southerly winds set in very early in the second week of the month, and blew strongly and steadily during the last fortnight of the month. Hence the winds in Bengal, although much less steady than in the Gangetic plain, where the chief effect of increasing temperature is to increase the strength of the westerly winds, were characterized by much greater steadiness than is usual in February. At the coast stations winds were more directly from the south than usual, but in the interior the westerly element was very strongly pronounced. The following data illustrate these remarks :—

Stations.	Steadiness.		Direction.	
	Percentage, February 1888.	Average percentage, February.	Mean wind direction, February 1888.	Normal mean wind direction, February.
False Point . . .	21	16	S. 28° E.	S. 12° W.
Saugor Island . . .	13	23	S. 37° W.	S. 50° W.
Calcutta	40	23	N. 68° W.	S. 81° W.
Dacca	54	35	S. 63° W.	S. 76° W.
Berhampore . . .	63	44	N. 81° W.	N. 72° W.

The easterly winds blowing down the Assam Valley during the month were remarkably steady. Thus at Dhubri the percentage of steadiness for the month was 48, that is, more than four times the normal percentage, which is only 11.

In the Central Provinces, more especially in the eastern districts, winds were considerably steadier and stronger than usual. The following data show this fully :—

Stations.	Velocity.		Steadiness.	
	Daily wind velocity, February 1888.	Normal daily wind velocity, February.	Percentage, February 1888.	Average percentage, February.
Raipur	124	88	28	13
Nagpur	128	93	36	17
Jubbulpor . . .	42	60	44	20
Hoshangabad . . .	48	69	35	18
Khandwa . . .	114	86	17	32

In Rajputana and Central India winds were very approximately normal in direction and force.

The largest variations of the winds from their normal features were shown in Sind. They were weaker and less steady than usual, and the mean directions of the month show the strong influence of the numerous small shallow depressions which appeared in Sind during the month and passed eastwards. The wind returns of Hyderabad for the year were practically valueless, as the inspection of that observatory in November 1888 showed that the wind-vane was not only very loosely fixed, but that the north pointer was at least 20° out

of its proper position. The following gives means for Kurrachee and Jacobabad :—

Stations.	Velocity.		Direction.		Steadiness.	
	Daily wind velocity, February 1888.	Normal daily wind velocity, February.	Mean wind direction, February, 1888.	Normal mean wind direction, February.	Percentage, February 1888.	Average percentage, February.
Jacobabad . .	53	73	N. 9° W.	N. 17° E.	18	36
Kurrachee . .	236	252	S. 32° E.	N. 80° W.	6	27

In the Deccan winds were generally less steady than usual, although their velocity was slightly greater than the normal, and over nearly the whole of Southern India as well as in the Deccan the easterly element in the south-east winds of the month was much feebler than usual. The following table gives data for six representative stations :—

Stations.	Steadiness.		Velocity.		Direction.	
	Percentage, February 1888.	Average percentage, February.	Daily wind velocity, February, 1888.	Normal daily wind velocity, February.	Mean wind direction, February 1888.	Normal mean wind direction February.
Sholapur . . .	20	32	179	155	S. 8° W.	S. 33° E.
Secunderabad . .	38	50	137	91	S. 42° E.	S. 74° E.
Bellary . . .	29	54	73	96	S. 23° E.	S. 56° E.
Madras . . .	78	68	111	121	S. 60° E.	E.
Bangalore . .	61	66	81	86	S. 51° E.	S. 67° E.
Salem . . .	58	49	109	135	S. 38° E.	S. 79° E.

The winds were slightly steadier and stronger than usual in Burmah, and also at the Bay Islands, but the variations from the normal conditions were small and apparently of little importance.

March.—The winds were unusually light and unsteady at Quetta during the month, and the average velocity barely 50 per cent. of the normal. In the western districts of the Punjab winds were somewhat more steady, but in the eastern districts they were less steady than usual, and the air motion varied little from the average, except at Rawalpindi where it was considerably in excess. The air motion at the hill stations in Upper India was nearly as markedly below the normal as at Quetta. This was due mainly to the absence of storms in the hill districts.

The air motion was very steady, and the velocity much above the average in the North-Western Provinces, more especially the eastern districts. This is shown by the following selected data :—

Stations.	Steadiness.		Velocity.	
	Percentage, March 1888.	Average percentage, March.	Daily wind velocity, March 1888.	Normal daily wind velocity, March.
Jhansi	46	7	88	81
Allahabad . . .	62	34	113	68
Benares	78	49	146	114
Ghazipur	65	48	80	67

The mean direction of the air motion was practically north-west, and differed very little from the normal.

In Behar and Chutia Nagpur, as in the eastern districts of the North-Western Provinces, the air motion was considerably greater than usual. Thus at Patna a daily average of 101 miles was registered, and at Hazaribagh 218 miles, the normal amounts being 82 miles and 178 miles respectively. Winds were of normal steadiness, and their directions were slightly more northerly and less westerly than usual in March.

South-west winds prevailed with unusual steadiness during the month in Bengal, and were of normal force, except at the coast stations of Saugor Island and False Point, where the amounts of wind were 30 per cent. and 13 per cent. in excess respectively. The increased steadiness of the winds in Bengal is illustrated by the following:—

Stations.	Steadiness.	
	Percentage, March 1888.	Average percentage, March.
Burdwan	55	43
Dacca	67	54
Chittagong	44	20
Saugor Island	79	60

In Central and Northern Bengal the mean wind direction was practically identical with the normal. At the Bengal coast stations the winds were more directly from the south than usual, as is shown by the following data:—

Stations.	Direction.	
	Mean wind direction, March 1888.	Normal mean wind direction, March.
False Point	S. 16° W.	S. 38° W.
Saugor Island	S. 15° W.	S. 33° W.
Chittagong	S. 17° W.	S. 54° W.

Winds were much steadier and stronger than usual in the Central Provinces, more especially in the eastern districts. The following gives two examples in illustration:—

Stations.	Velocity.		Steadiness.	
	Daily wind velocity, March 1888.	Normal daily wind velocity, March.	Percentage, March 1888.	Percentage, March.
Raipur	159	113	47	20
Nagpur	143	108	41	6

In Rajputana and Central India (more especially the latter area) the winds were very steady. Thus at Sutna the percentage of steadiness was 63, and at Nowgong 77, the normal percentages being 39 and 34. The winds were also slightly stronger. The greatest increase was shown at the more western stations of Rajputana, including Ajmere, Pachpadra, Bickaneer and Sambhar, where the mean velocity was 10 to 60 per cent. above

the normal. In Sind and Cutch also the air motion was greater than usual, but to a less extent than in West Rajputana.

Over the Peninsula the winds were slightly steadier than usual, and approximately normal in direction. The same was the case in Burmah. The wind observations at Nancowry and Port Blair (if correct) indicate that the air motion in the centre of the Bay was much smaller than usual.

The following gives the wind data of the month for these tw o stations :—

Stations.	Direction.		Steadiness.		Velocity.	
	Mean wind direction, March 1888.	Normal mean wind direction, March.	Percentage, March 1888.	Average percentage, March.	Daily wind velocity, March 1888.	Normal daily wind velocity, March.
Port Blair . .	N. 72° E.	N. 56° E.	47	69	71	106
Nancowry . .	N. 59° E.	N. 86° E.	92	70	109	141

April.—The month was characterized by hot-weather conditions in a somewhat stronger form than usual, and by the occurrence of a smaller number of hot weather thunder and dust storms than usual. As the weather was unusually free from disturbance, the normal winds of the month blew with unusual steadiness and strength over the whole of Northern India.

In the Punjab north-west to west winds of unusual steadiness and increased strength prevailed. The following gives examples :—

Stations.	Steadiness.		Velocity.	
	Percentage, April 1888.	Average percentage, April.	Daily wind velocity, April 1888.	Normal daily wind velocity, April.
Mooltan	51	13	50	61
Peshawar . . .	48	19	?	101
Rawalpindi . . .	58	23	125	68
Delhi	64	44	101	94

North-west to west winds of remarkable steadiness and strength blew down the Gangetic Valley and across the Chutia Nagpur plateau during the month. The following data illustrate the unusual steadiness and strength of the winds :—

Stations.	Steadiness.		Velocity.	
	Percentage, April 1888.	Average percentage, April.	Daily wind velocity, April 1888.	Normal daily wind velocity, April.
Roorkee	44	10	99	76
Agra	81	44	134	112
Jhansi	85	28	120	100
Allahabad	52	25	137	77
Patna	24	27	147	105
Hazaribagh	47	49	274	201

As the westerly winds of April and May in the Gangetic plain are day winds commencing

about 7 A.M., and increasing in intensity until 1 or 2 P.M., and then decreasing until 8 P.M., after which hour light airs and calms prevail until the next morning, the amounts in the velocity column above represent the amount of wind for about 13 hours, and the strength at the time of the greatest intensity is probably nearly double the average strength during this interval. If these facts be taken to consideration, they show that the velocity of the hot winds at midday, when conditions are most favourable for their development, probably ranges from 20 to 40 miles per hour over the Gangetic plain and Chutia Nagpur.

The same conditions, which give strong hot winds in the Gangetic plain, almost invariably give increased force and steadiness to the southerly winds blowing across the Bengal Coast, and to the easterly winds blowing down the Assam Valley. This was strongly exhibited in the month of April, as is seen by the data in the accompanying table:—

Stations.	Velocity.		Steadiness.		Direction.	
	Daily wind velocity, April 1888.	Normal daily wind velocity, April.	Percentage, April 1888.	Average percentage, April.	Mean wind direction, April 1888.	Normal mean wind direction, April.
Chittagong . .	189	169	77	37	S. 7° E.	S. 12° W.
Saugor Island .	539	401	85	76	S. 8° W.	S. 20° W.
False Point . .	408	320	93	79	S. 18° W.	S. 38° W.
Gopalpur . .	495	348	91	89	S. 20° W.	S. 7° W.
Dhubri . . .	237	192	38	37	N. 64° E.	N. 88° E.

There are several remarkable features about the air motion in Bengal during the hot weather. The air movement is greater during the hot weather months than at any other time of the year. Three sets of winds or lower atmospheric currents at this time tend towards Central Bengal as their goal. The first is the day current down the Gangetic plain, the greater part of which is almost certainly deflected southwards across the Chutia Nagpur plateau. The second is the strong local current of southerly winds which blow across the coast, and advance over the greater part of the interior of Bengal. The third current, which is of smaller volume and intensity, is that which comes down the Assam Valley, and which gives rise to the strong easterly winds that blow at Dhubri at this time. The interaction of these currents is a question of great importance, as upon its proper comprehension depends the explanation of the weather in Bengal at this time.

The strong southerly sea winds which blow across the Bengal Coast at this time are part of a local circulation between the head of the Bay and South and Central Bengal. An essential part of such a circulation is an upper return current. Mr. Blanford in the *Indian Meteorologist's Vade Mecum* has given an adequate explanation of the general character of this circulation, but the height to which the lower current extends, and above which the return current is met with, has hitherto only been a matter of conjecture. Fortunately during the present year (1889) a series of observations were taken in a balloon ascent on the 18th April by Lieutenant H. J. Cuningham, which give

a fair approximation. The following gives the observations and remarks of the writer in full:—

Time.	Height (feet). Approximate.	Barometer.	Thermometer.		Humidity.
			Dry bulb.	Wet bulb.	
5·10 P.M. (Starting.)	...	28·85	90	83	73
5·15 P.M.	2,800	27·3	86	73	52
5·20 P.M.	3,400	26·7	84	68	43
5·25 P.M.	4,000	25·8	82·5	65	37
5·30 P.M.	4,300	25·1	80	64	40
5·35 P.M.	4,800	24·3	79	66	49
5·40 P.M.	5,200	23·7	78	66	52
5·53 P.M.	4,700	24·8	80	65	43
5·57 P.M.	4,200	24·4	80	65	43
5·59 P.M.	2,800	26·3	80	65	42

"After 6 o'clock the descent became so rapid that no observations could be taken, as the instruments had to be packed away in preparation for the shock. The reason why no observation is recorded between 5·40 and 5·53 P.M. is that, owing to the rapid ascent, the balloon had become distended to its utmost capacity owing to the height and required considerable watching. Regarding the last three observations of the thermometer being all the same, the only cause that I can assign is the fact that, owing to the rapid descent, the mercury could not keep pace with the change in temperature. The observations were made by means of an aneroid barometer and a dry and wet bulb thermometer, both manufactured by Casella of London."

"The balloon started with an almost direct southerly wind (*i.e.*, south to north), and continued in this direction until an altitude of about 3,500 feet was reached, when there was a tendency for the balloon to go towards the south-south-east, and above which height there was a north-north-westerly wind blowing, but on coming near the earth again (about 2,800 feet) the balloon took a north-westerly course, showing that the wind was from south-east, until it reached earth at 6-5 P.M., a few miles to the east of Baraset.

"This practical experience confirms the impression I formed when witnessing the courses of the balloons which have ascended from Calcutta lately, namely, that there is a lower current of air nearly always blowing in the hot weather in a generally northern direction, and this current extends to a height from between 3,000 and 5,000 feet, and that beyond this height there is another current blowing in a generally south-east direction or almost opposite to that of the one below it.

The preceding observations and remarks hence indicate that the lower current of the hot weather sea breeze in South Bengal does not extend upwards above 4,000 feet, and that the return current is met with almost immediately above the lower current. These winds are hence a phenomenon of the lower air strata almost entirely.

Another feature of the air motion in Bengal at this time is that the easterly winds down the Assam Valley advance to some distance along the foot of the Himalayas before they are absorbed in the general circulation. This is shown first by the great unsteadiness of the winds in North Behar and by their directions, and also by the westward extension of the area of unsteady easterly winds along the foot of the hills, when the whole system of winds is strongly developed as in April 1888.

The following data illustrate this feature:—

Stations.	Direction.		Steadiness.	
	Mean wind direction, April 1888.	Normal mean wind direction, April.	Percentage, April 1888.	Average percentage, April.
Jalpaigori . . .	N. 85° E.	S. 86° E.	78	79
Dinagepore . . .	N. 73° E.	S. 79° E.	27	30
Durbhunga . . .	S. 58° E.	S. 24° E.	23	8
Motihari . . .	S. 87° E.	S. 60° E.	31	33
Gorakhpur . . .	S. 76° W.	N. 67° W.	12	22

In the Central Provinces, Central India, and Rajputana, north-west winds of unusual steadiness prevailed. They were, on the whole, slightly stronger than usual.

The following data of six representative stations illustrate these statements:—

Stations.	Steadiness.		Velocity.	
	Percentage, April 1888.	Average percentage, April.	Daily wind velocity, April 1888.	Normal daily wind velocity, April.
Nagpur	56	20	198	127
Pachmarhi . . .	68	47	113	128
Nowgong . . .	88	54	77	68
Indore	64	54	172	105
Ajmere	80	52	217	120
Jeypore	77	56	128	138

On the Sind Coast the air motion was normal in character. At Jacobabad winds were very unsteady and blew on the average from north-west instead of east-south-east, the normal direction during the month.

The air motion in the Peninsula and Burmah was marked by much smaller variations from the normal state than that in Northern India.

Winds were much steadier in the Deccan, and north-west winds extended much further south than usual. Thus at Belgaum, Bellary, and Secunderabad winds were from some direction between north and west instead of between south and west. In Southern India and Burmah winds were on the average of the month normal in strength and direc-

tion. The wind observations at Port Blair and Nancowry continued to indicate unusually feeble air movement in the centre of the Bay.[1] The following table gives data :—

Stations.	Velocity.		Direction.	
	Daily wind velocity, April 1888.	Normal daily wind velocity, April.	Mean wind direction, April 1888	Normal mean wind direction, April.
Port Blair . . .	73	117	N. 44° E.	N. 84° E.
Nancowry . . .	59	108	S. 49° E.	S. 56° E.

May.—Hot-weather conditions were more strongly developed than usual in Northern and Central India during the month. The winds were hence unusually strong and steady over the greater part of India. The following table gives data for the different large meteorological divisions :—

Divisions.	Velocity.		Steadiness.	
	Daily wind velocity, May 1888.	Normal daily wind velocity, May.	Percentage, May 1888.	Average percentage, May.
Punjab	84	80	40	21
North-Western Provinces .	100	100	31	19
Rajputana and Central India .	199	185	61	59
Central Provinces . . .	137	129	48	49
Bengal	184	163	56	49
Bombay	537	522	68	67
Madras	154	160	55	62
Burmah	120	110	55	46
Ceylon	219	209	62	66

Normal north-westerly winds prevailed steadily during the month over the whole of the Punjab and North-Western Provinces, except in the immediate neighbourhood of the hills where easterly winds blew more frequently than usual, and extended as far westwards as Roorkee. The increased strength of the hot day winds was most strongly shown by the wind observations at Allahabad, Benares and Patna :—

Stations.	Steadiness.		Velocity.	
	Percentage, May 1888.	Average percentage, May.	Daily wind velocity, May 1888.	Normal wind velocity, May.
Allahabad . . .	22	20	138	91
Benares	33	23	136	124
Patna	42	38	141	114

The most marked effect of the hot-weather conditions occurred in Bengal, where the winds were of unusual strength. The normal winds of the month in the Bengal Coast

[1] It is most probable that the decreased amounts are due in part at least to the instruments themselves, which have been in use many years. Port Blair has not been inspected since 1875, and Nancowry has not yet been visited by any officer of the Department.

districts are local south-west sea winds which are deflected in the interior, and are continued as south-east and east winds in the interior of Bengal and Behar, and the tendency of the air currents from the Bay of Bengal and down the river valleys or plains of the Ganges and Brahmaputra is to give a more or less irregular cyclonic circulation of the air and slight barometric depression which usually covers Chutia Nagpur, South Behar, and West Bengal at this period.

The increased steadiness and intensity of the local sea winds are shown by the following returns :—

Stations.	Steadiness.		Velocity.	
	Percentage, May 1888.	Average percentage, May.	Daily wind velocity, May 1888.	Normal daily wind velocity, May.
Saugor Island . . .	84	69	504	367
False Point . . .	89	71	419	303
Chittagong . . .	49	38	125	153
Gopalpur . . .	93	86	508	319

The conditions were similar in May 1887, and it is noteworthy that a similar deflection of the winds occurred in South Bengal and Orissa during May 1888 (although less in amount) as in May 1887.

The following are examples showing the very slight westing of the winds in both these months at the head of the Bay :—

Stations.	Wind Direction, May			
	1888.	Normal.	1887.	Normal.
Saugor Island . . .	S. 1° W.	S. 12° W.	S. 12° E.	S. 12° W.
False Point . . .	S. 10° W.	S. 31° W.	S. 1° W.	S. 31° W.

As might be anticipated, these strong sea winds accompanied increased strength of the winds in Assam, Behar and Chutia Nagpur, which are all indirectly related to the local sea winds in South Bengal.

The following data for typical stations are given in illustration :—

Stations.	Direction.		Steadiness.		Velocity.	
	Mean wind direction, May 1888.	Normal mean wind direction, May.	Percentage, May 1888.	Average percentage, May.	Daily wind velocity, May 1888.	Normal daily wind velocity, May.
Sibsagar	N. 57° E.	N. 56° E.	55	37	60	69
Dhubri	S. 9° W.	N. 65° E.	49	29	171	168
Durbhunga	S. 83° E.	S. 86° E.	55	59	171	141
Patna	N. 54° E.	N. 54° E.	42	38	141	114
Hazaribagh	S. 67° W.	S. 77° W.	27	15	221	210

In the Central Provinces and Central India the winds were, on the whole, more directly from the west than usual, and over the whole of Central India and the North Deccan the air movement was almost from the west and formed an integral part of a general easterly movement of the lower atmosphere across Northern India, the chief

feature of which was that it occurred almost entirely during the day-time, *viz.*, from 7 or 8 A.M. to 6 or 7 P.M. The winds in Lower Sind and Cutch had a slight northerly component instead of the usual feeble southing in the westerly winds of the month. Similarly at Jacobabad westerly winds blew instead of the normal south-east winds. The increased northing of the winds was shown at the Bombay Coast stations and in the West Deccan as far south as Bombay and Sholapur. In the south of the Peninsula winds were, on the average, approximately normal in direction, but were less steady than usual. Winds were normal in Burma. They were very unsteady at Port Blair. The average wind direction there was almost due west instead of S. 34° W. The wind observations for the previous three or four months had shown the presence of abnormal conditions in the neighbourhood of the Andamans. These became very marked in the month of June.

June.—The Bombay current advanced along the west coast during the first week of the month, and was fully established as far north as Broach by the end of that week. It also extended eastwards into the Central Provinces and Central India, but was feeble there. The Bay of Bengal current also extended rapidly northwards at the same time, and gave moderate southerly winds and rain to Bengal from the 3rd or 4th to the 12th, when it retreated. Hot westerly winds were re-established on the 11th over the Gangetic plain, Central India and Rajputana, and continued until the 26th. During this period winds were light and variable in Bengal. These conditions reacted on the Bombay current, which decreased in strength and blew feebly for about a fortnight. Hence the interval from the 13th to the 26th of June was one of very abnormal wind features over the whole of Northern India. On the 26th both currents began to increase in strength, and rapidly extended landwards, and before the end of the month the normal damp winds of the season were established over the whole of India, with the exception of the West and Central Punjab. Hence the chief feature of the winds of the month in Northern India was their irregularity or abnormal direction, as compared with the normal.

The following gives data of the average velocity of the Bombay branch of the monsoon current during the month:—

Stations.	Velocity.		
	Mean, June 1883.	Normal, June.	Excess or defect expressed as a percentage.
Bombay Branch—			
Bombay Coast	332	364	—8
Central Provinces	159	146	+9
Deccan	200	208	—4

The effect of the prolonged hot-weather conditions was to give greater strength and steadiness to the winds in the Punjab and North-Western Provinces. The average wind direction was north-west, and the increased steadiness was most remarkable at Allahabad, Benares and Ghazipur, which are situated in the usual area of interaction of the two monsoon currents during the south-west monsoon.

The following table gives data :—

Stations.	Steadiness.		Velocity.	
	Percentage, June 1888.	Average percentage, June.	Daily wind velocity, June 1888.	Normal daily wind velocity, June.
Allahabad . . .	54	12	151	91
Benares	72	9	129	123
Ghazipur . . .	38	12	81	76

Very light and unsteady winds prevailed in North Behar. Thus the percentage at Purneah was only 5, the normal being 70. The north-west winds of the North-Western Provinces were continued across South Behar and Chutia Nagpur, in which winds were hence somewhat steadier than usual.

Winds were less steady than usual in Bengal. They were more directly from the south at the coast stations at the head of the Bay, but in the interior they were less deflected to the east than usual, in both of which respects they resembled the winds which prevailed in June 1887, when the south-west monsoon in the Bay also blew feebly.

The following table gives comparative data for June 1887 and June 1888 :—

Stations.	Mean wind direction, June 1888.	Mean wind direction, June 1887.	Normal mean wind direction, June.
Saugor Island	S. 11° W.	S. 5° W.	S. 15° W.
False Point	S. 24° W.	S. 19° W.	S. 45° W.
Burdwan	S. 3° E.	S. 9° E.	S. 20° E.
Berhampore	S. 37° E.	S. 1° E.	S. 33° E.
Dacca	S. 13° E.	S. 6° W.	S. 16° E.
Calcutta	S. 10° W.	S. 3° W.	S. 4° E.

The deflections on the whole are less for June 1888 than for the corresponding month of 1887, but their similarity, not only under the common conditions of a feeble monsoon current in June, but also of strongly marked hot weather conditions in the preceding month of May before the setting in of the monsoon, suggests that they were due to causes antecedent to the commencement of the monsoon, and that they probably assisted largely to modify the strength and direction of the current.

In Central India and the Central Provinces winds were somewhat more westerly than usual, but the deflections from the normal direction were small in amount. In Rajputana the wind amounts registered were larger than usual. At Jeypore, Bickaneer and Ajmere they were upwards of 40 per cent. larger than usual.

In the west coast districts the winds were, on the whole, steadier than usual, although below their normal strength. The chief feature of these winds was that the southerly component of the south-west winds was unusually strong.

The following gives examples:—

Stations.	Direction.	
	Mean wind direction, June 1883.	Normal mean wind direction, June.
Bhuj	S. 68° W.	S. 72° W.
Rajkot	S. 56° W.	S. 70° W.
Bombay	S. 38° W.	S. 63° W.
Ratnagiri	S. 35° W.	S. 53° W.
Karwar	S. 49° W.	S. 76° W.
Mangalore	S. 51° W.	S. 82° W.

This feature was nearly as marked in the West Deccan at Belgaum, Sholapur, Poona, Bangalore and Bellary, and thus indicated a tendency, at the commencement of the monsoon, for the Bombay current to advance more directly to Upper India than is usual.

In South Madras the variations of the winds from the normal were small.

The wind data for Burmah explain, only very partially, the peculiar conditions present in the Bay of Bengal during the period 13th to 26th. East-north-east winds prevailed almost uninterruptedly at Akyab, and west-south-west winds at Diamond Island, thus indicating the presence of a depression and of a persistent feeble and perhaps somewhat irregular cyclonic circulation off the West Pegu Coast. This is further confirmed by the facts that the mean winds of the month contained a much stronger westerly element than usual at Port Blair and in Lower Pegu, and the winds were much less steady than usual at Akyab and in Upper Pegu. The following data illustrate the first of these two facts:—

Stations.	Direction.		Steadiness.	
	Mean wind direction, June 1886.	Normal mean wind direction, June.	Percentage, June 1883.	Percentage, June.
Port Blair	S. 56° W.	S. 38° W.	81	82
Diamond Island	S. 42° W.	S. 32° W.	82	75
Bassein	S. 46° W.	S. 15° W.	55	66
Rangoon	S. 33° W.	S. 16° W.	79	71

July.—Both branches of the monsoon blew even more steadily and somewhat more strongly than usual. The following table gives the average velocity of these currents in different parts of their course over India:—

Stations.	Mean daily wind velocity, July 1883.	Normal daily wind velocity, July.	Excess or defect expressed as a percentage.
Bombay Branch—			
Bombay Coast	422	390	+ 8
Central Provinces	179	151	+19
Central India and Rajputana	212	190	+12
Deccan	224	217	+ 3

Stations.	Mean daily wind velocity, July 1888.	Normal daily wind velocity, July.	Excess or defect expressed as a percentage.
Bay of Bengal Branch—			
Bay Islands	199 (?)	257	— 23 (?)
Burma	149	118	+ 26
Bengal	170	164	+ 4
Behar	116	110	+ 5
N.-W. Provinces	80	83	— 4

This table shows that the air current from the Bay of Bengal was stronger in Burmah, Bengal and Behar, and that the Bombay current was considerably stronger in the coast districts, Central Provinces, Rajputana and Central India.

In the Punjab winds were slightly stronger and steadier than usual, and the southerly element in the east-south-east winds, which usually prevail at this season in the East Punjab, was somewhat more prominent than usual.

The air motion was more irregular than usual in the North-Western Provinces. A marked feature of the meteorology of the rains was a slight permanent depression in the eastern districts of the North-Western Provinces. A large proportion of the small cyclonic storms of the rains advanced towards this as their goal. The mean wind directions at the observing stations in the central and eastern districts show strongly the influence of the repeated cyclonic circulations which prevailed in this area during the month.

Stations.	Direction.		Steadiness.	
	Mean wind direction, July 1888.	Normal mean wind direction, July.	Percentage, July 1888.	Average percentage, July.
Agra	N. 69° E.	N. 63° E.	19	13
Jhansi	N. 64° W.	S. 49° W.	34	26
Allahabad . . .	S. 22° W.	N. 84° E.	9	7
Benares	S. 34° E.	S. 1° W.	21	9
Gorakhpur . . .	S. 77° E.	S. 69° E.	74	52

These directions indicate very strongly the general cyclonic character of the air motion in the area represented by these stations during the greater part of the month.

The mean wind directions of the month at the Bengal and Behar stations were approximately normal. Winds were stronger on the average in Behar and also at the coast stations of Bengal and Orissa, but were, without exception, weaker in the interior of Bengal. Thus the wind amount at Burdwan was 30 per cent., at Dacca 18 per cent., and at Jessore and Berhampore over 14 per cent. below the average. Another peculiarity was the unusual prevalence of south-west winds at Hazaribagh, where the normal wind direction in July is S. 16° E.

Very strong westerly winds blew across Rajputana and the Central India plateau.

In the Central Provinces and Berar winds were very steady and had on the whole a stronger southerly element than usual.

Stations.	Direction.		Steadiness.	
	Mean wind direction, July 1888.	Normal mean wind direction, July.	Percentage, July 1888.	Average percentage, July.
Khandwa . . .	N. 88° W.	N. 83° W.	93	80
Nagpore . . .	S. 69° W.	N. 88° W.	82	69
Jubbulpore . . .	S. 85° W.	N. 87° W.	92	65

These wind directions suggest that the current was directed more towards Upper India than is the case in normal years. The chief feature was the remarkable steadiness of the current blowing across the Central Provinces at the time.

In Bombay winds are always very steady in July, but were even steadier as well as stronger than usual. The directions of the majority of stations had a stronger southerly component, thus confirming the inference derived from the wind observation of the Central Provinces, that the current was directed more largely than usual to Upper India at this time. The following gives comparative data for selected stations :—

Stations.	Direction.		Steadiness.	
	Normal mean wind direction, July.	Mean wind direction, July 1888.	Average percentage, July.	Percentage, July 1888.
Kurrachee . . .	S. 75° W.	S. 62° W.	90	83
Bhuj	S. 77° W.	S. 80° W.	90	83
Bombay	S. 76° W.	S. 75° W.	90	84
Ratnagiri . . .	S. 69° W.	S. 74° W.	85	77
Cochin	S. 66° W.	S. 78° W.	65	51

The increased steadiness of the current from the Arabian Sea was as marked in Mysore, Hyderabad and Madras. The winds were on the average approximately normal in direction in the whole of that area.

At the Bay Islands and in Burma the winds were somewhat steadier than usual, and the character of the mean air movement approximately normal. The velocity was, however, considerably above the mean at the Burmah stations and showed that the current was unusually vigorous.

Stations.	Velocity.	
	Normal daily wind velocity, July.	Daily wind velocity, July 1888.
Akyab	90	125
Diamond Island	214	247
Rangoon	131	151
Thayetmyo	161	211

August.—The monsoon currents from the Arabian Sea and Bay of Bengal were even steadier, and, on the whole, stronger than usual throughout the month.

The following gives the average velocity in different districts :—

Stations.	Mean daily wind velocity, August 1888.	Normal daily wind velocity, August.	Excess or defect expressed as a percentage.
Bombay Branch—			
Bombay Coast	298	314	— 5
Central Provinces	157	110	+43
Central India and Rajputana . .	168	158	+ 6
Deccan	196	179	+ 9
Bay of Bengal Branch—			
Burma	136	98	+39
Bay Islands	158	228	—31 ?
Bengal	150	124	+21
Behar	116	96	+21
N.-W. Provinces	73	72	+ 1

In the Punjab winds were light, but somewhat steadier than usual. They were also considerably steadier in the North-Western Provinces, and on the whole stronger. The passage of the greater number of the cyclonic storms of the month into the eastern districts of Oudh and the North-Western Provinces gave an unusual proportion of north-westerly winds to the following stations :—

Stations.	Direction.		Steadiness.	
	Mean wind direction, August 1888.	Normal mean wind direction, August.	Percentage, August 1888.	Average percentage, August.
Jhansi	N. 76° W.	S. 64° W.	30	22
Allahabad . . .	N. 74° W.	N. 40° E.	4	4
Agra	N. 48° W.	S. 22° E.	14	10
Lucknow . . .	N. 71° W.	S. 77° E.	18	12

In Behar and Bengal winds were almost without exception steadier and stronger than usual. They blew strongly from the west at the Head of the Bay, as is shown by the following examples :—

Stations.	Direction.		Steadiness.	
	Mean wind direction, August 1888.	Normal mean wind direction, August.	Percentage, August 1888.	Average percentage, August.
Saugor Island . .	S. 27° W.	S. 17° W.	66	54
Calcutta . . .	S. 5° W.	S. 17° E.	46	57
Chittagong . . .	S. 15° E.	S. 32° E.	77	55

In the Central Provinces, Berars, and Central India winds were remarkably steady, and, blew on the whole, somewhat more directly from the west than usual. They were at the majority of stations stronger. The following data illustrate these facts:—

Stations.	Steadiness.		Velocity.	
	Percentage, August 1888.	Average percentage, August.	Daily wind velocity, August 1888.	Normal daily wind velocity, August.
Nagpur	76	62	251	144
Jubbulpore	87	64	88	109
Khandwa	91	80	246	182
Akola	95	80	177	190

In Sind and Bombay the winds were also unusually steady, and the average wind amount at many stations considerably in excess of the normal.

Stations.	Steadiness.		Velocity.	
	Percentage, August 1888.	Average percentage, August.	Daily wind velocity, August 1888.	Normal daily wind velocity, August.
Bombay	92	81	452	378
Ratnagiri	88	61	234	246
Poona	91	82	393	336
Sholapur	89	79	341	264
Karwar	70	79	?	?
Belgaum	91	89	614	497

Winds were also generally stronger in Burmah, but their most important feature was the unusually strong westerly component which they contained. The following data illustrate this anomaly:—

Stations.	Direction.		Velocity.	
	Mean wind direction, August 1888.	Normal mean wind direction, August.	Daily wind velocity, August 1888.	Normal daily wind velocity, August.
Akyab	S. 40° W.	S. 1° E.	123	77
Bassein	S. 47° W.	S. 34° W.	131	81
Diamond Island	S. 49° W.	S. 44° W.	189	161
Mergui	S. 87° W.	S. 63° W.	35	40
Port Blair	S. 55° W.	S. 43 W.	194	230

September.—The Bay of Bengal branch of the monsoon current blew steadily during the greater part of the month; but the Bombay branch was very weak and retreated from Upper and Central India before the end of the second week of the month. The Bengal

branch withdrew from Upper India after the storm at the end of the third week of the month, and fine clear weather with light variable or north-westerly winds set in and prevailed in the Punjab, Rajputana, the western districts of the North-Western Provinces, and Central India during the remainder of the month.

The following gives the average strength of the monsoon current in different provinces, as measured by the average amount of air movement daily :—

Stations.	Mean daily wind velocity, September 1888.	Normal daily wind velocity, September.	Excess or defect expressed as a percentage.
Bombay Branch—			
Bombay Coast	229	255	—10
Central Provinces	99	94	+ 5
Central India and Rajputana . .	141	142	— 1
Deccan	129	149	—13
Bengal Branch—			
Burma	92	86	+ 7
Bay Islands	135 ?	219	—38
Bengal	100	118	—15
Behar	97	86	+13
North-Western Provinces . .	73	64	+14

In the Punjab the winds were steadier than usual, more especially in the south-eastern districts, represented by Sirsa, Delhi and Ludhiana.

The North-Western Provinces formed, as during the previous months, a species of sink or area of slight barometric depression to which the cyclonic storms of the month drifted. The mean wind directions of the month plainly indicate the influence at the cyclonic circulations which occurred in that area during the month :—

Stations.	Direction.		Steadiness.		Velocity.	
	Mean wind direction, September 1888.	Normal mean wind direction, September.	Percentage, September 1888.	Average percentage, September.	Mean daily wind velocity, September 1888.	Normal mean daily wind velocity, September.
Bareilly . .	N. 16° W.	N. 75° E.	7	8	49	71
Lucknow . .	S. 14° E.	N. 1° E.	10	14	127	68
Jhansi . .	N. 32° W.	N. 50° W.	48	21	85	76
Allahabad . .	N. 63° W.	N. 42° E.	29	11	118	69
Benares . .	S. 85° W.	S. 70° E.	20	3	110	93
Gorakhpur .	S. 57° E.	S. 70° E.	28	32	56	50

These data also show that winds were steadier than usual, and were also considerably stronger, more especially at the eastern stations.

The winds were very unsteady in Behar, and the mean directions at Gya and Hazaribagh had a westerly element instead of the usual easterly element in the southerly winds of the period, due to the same cause as the westerly deflection of the mean wind directions at many stations in the North-Western Provinces.

In the Central Provinces, Central India, and Rajputana winds were steadier, but their mean directions for the month at the majority of stations (which are roughly speaking almost due west) contained a feeble northerly component instead of the normal slight southerly component. This was evidently due to the earlier retreat of the Bombay current from Northern India than usual.

The winds were as unsteady in Bengal as in Behar, and were generally somewhat weaker than usual. There was also less easting in the winds in Central Bengal, another indication of the weakness of the current in this month. The following data illustrate this :—

Stations.	Steadiness.		Direction.	
	Percentage, September 1888.	Average percentage, September.	Mean wind direction, September 1888.	Normal mean wind direction, September.
Burdwan	19	38	S. 1° E.	S. 31° E.
Jessore	50	61	S. 14° E.	S. 26° E.
Calcutta	27	43	S. 3° E.	S. 27° E.

The winds at the Bombay Coast stations were characterized by similar features. Although steadier than usual, they were considerably below their normal strength, and contained a strong northerly element.

The following are wind data of the Bombay Coast stations :—

Stations.	Direction.		Steadiness.		Velocity.	
	Mean wind direction, September 1888.	Normal mean wind direction, September.	Percentage, September 1888.	Average percentage, September.	Mean daily wind velocity, September 1888.	Normal mean daily wind velocity, September.
Bombay . .	N. 58° W.	S. 89° W.	56	55	226	280
Ratnagiri . .	N. 44° W.	S. 88° W.	72	55	192	198
Karwar . .	N. 70° W.	N. 86° W.	86	78	*	*
Poona . .	N. 79° W.	N. 89° W.	77	70	222	274
Belgaum . .	S. 74° W.	N. 84° W.	69	82	306	400

Winds were normal in force and direction in Madras. They were of normal strength in Burma, but were less steady and much more westerly than usual, as is shown by the following data :—

Stations.	Steadiness.		Direction.	
	Percentage, September 1888.	Average percentage, September.	Mean wind direction, September 1888.	Normal mean wind direction, September.
Bassein	25	50	S. 42° W.	S. 25° W.
Diamond Island . . .	60	58	S. 43° W.	S. 39° W.
Akyab	30	41	S. 19° W.	S. 9° E.
Port Blair . . .	72	73	S. 62° W.	S. 43° W.

* This station was not provided with an anemometer previous to the previous year (1889).

October.—The Bengal current retreated from Bengal in the second week of the month, and from that period to the commencement of the fourth week of the month fine weather with light winds, such as usually prevail in the cold weather, obtained. The south-west current in the centre and south of the Bay increased, and, after recurving, gave strong north-east winds, squally weather, and much rain to the Coromandel Coast. From the beginning of the fourth week until the 26th, when a storm began to form in the south of the Bay, which gave winds of cyclonic force at Madras and the neighbouring districts on the afternoon and evening of the 31st, on which night its centre struck the coast at Madras.

Winds were unusually steady in the Punjab and North-Western Provinces, and were very approximately normal in direction. In consequence of the early retreat of the monsoon current from Bengal and Behar, winds were unusually steady over that area, *e. g.*:—

Stations.	Steadiness.	
	Percentage, October 1883.	Average percentage, October.
Patna	19	4
Gya	21	4
Burdwan	47	29
Calcutta	32	11

The unusual strength and steadiness of the westerly current down the Gangetic plain influenced the wind directions in the north-west angle of the Bay. For example, at Saugor Island, the mean wind direction was N. 36° W., the normal being N. 10° E. The winds were steadier than usual on the west coast of the Bay, and north-east winds extended as far south as Negapatam early in the month, and thus gave a mean direction to that station of N. 40° E. instead of the normal S. 51° W.

In Rajputana, Central India, the Central Provinces, and Bombay, unusually steady northerly winds, with more or less easting or westing, according to the locality, prevailed throughout the whole month.

In Madras, although the north-east monsoon rains did not set in so early as usual, the winds were on the mean of the month approximately normal in direction and of average steadiness. The average air motion was also in the majority of cases greater than usual in October.

In Burmah winds were more irregular in direction than usual at the end of the south-west monsoon, and also indicated the withdrawal of the monsoon current earlier than usual. This was also strikingly shown by the wind directions at Port Blair and Nancowry, *viz* :—

Stations.	Direction.	
	Mean wind direction, October 1883.	Normal mean wind direction, October.
Port Blair	S. 34° E.	S. 5° W.
Nancowry	S. 77° E.	S. 39° W.

Winds were much stronger on the average of the month at several of the Burmah stations, more especially Diamond Island, Bassein and Akyab.

November.—The north-east monsoon prevailed with great steadiness on the Coromandel Coast during the month. In North-Western and Upper India the weather was more disturbed than usual, partly by the passage of a cyclone from the Arabian Sea into Kathiawar, Guzerat and West Rajputana, and partly by the advance across Upper India of two feeble cold-weather storms.

As usual in November winds were, on the average, very light in Northern India, ranging in mean velocity from 1 to 2 miles an hour over nearly the whole of the interior of Northern India. They were very unsteady in the Punjab, North-Western Provinces and Behar, and more especially in the two latter provinces. This is shown by the data of the following table:—

Stations.	Steadiness.	
	Percentage, November 1888.	Average percentage, November.
Roorkee	5	28
Jhansi	4	26
Allahabad	7	21
Durbhunga	13	55
Hazaribagh	15	55

In Bengal they were much lighter than usual, and were very unsteady. Thus at Dacca the percentage of steadiness was only 14, the normal being 38. The easterly element was very prominent in the northerly winds in South Bengal and Orissa, *viz*:—

Stations.	Direction.	
	Mean wind direction, November 1888.	Normal mean wind direction, November.
Calcutta	N. 24° E.	N. 17° W.
Saugor Island	N. 23° E.	N. 5° E.
False Point	N. 30° E.	N. 22° E.

Winds were also very unsteady in the Central Provinces, Central India and Rajputana, and were more northerly than usual.

In Sind and Bombay winds were on the whole stronger than the normal, and chiefly in consequence of the persistent barometric depression and storm in the centre of the Arabian Sea during the first eight days of the month, were more easterly than usual. For example—

Stations.	Direction.	
	Mean wind direction, November 1888.	Normal mean wind direction, November.
Deesa	N. 78° E.	N. 33° E.
Rajkot	N. 55° E.	N. 45° E.
Bombay	N. 31° E.	N. 17° E.

Winds were, on the average of the month, slightly weaker on the Coromandel Coast,

and blew more directly from the east. This shift in the mean direction of the air motion of the month is shown by the following data :—

Stations.	Direction.	
	Mean wind direction, November 1888.	Normal mean wind direction, November.
Madras	N. 61° E.	N. 24° E.
Trichinopoly	N. 53° E.	N. 27° E.
Madura	N. 7° E.	N. 24° W.

In Burma winds were, on the whole, normal in direction, but somewhat weaker than usual.

The mean wind direction at Port Blair was S. 67° E. (the normal being N. 63° E.) thus indicating that the south-west monsoon prevailed much longer over the centre of the Bay than usual in its southward retreat.

December was throughout characterized by fine settled weather in Northern India. The south-west monsoon retreated from the Bay finally about the 16th of the month, and light north-east winds with fine clear weather prevailed over the whole of the Bay after that date.

The winds over the whole of Northern India were hence normal in direction (ranging generally between north-west and west), and marked by unusual steadiness.

The following give a few examples :—

Stations.	Steadiness.	
	Percentage, December 1888.	Average percentage, December.
Agra	62	28
Allahabad	51	22
Patna	59	52
Durbhunga	76	58
Berhampore	78	62
Burdwan	66	67
Calcutta	75	60
Saugor Island	59	56

In the Central Provinces, Berar and Central India they were very steady, and more directly from north than usual. Similarly in the Deccan and Southern India they were very steady, and the easterly element in the north-east winds of the month was much stronger than usual. On the other hand, in Burma, where they were also steadier, the winds were more directly from the north than usual. Thus at Rangoon the mean direction was N. 18° E., the normal being N. 36° E.

The preceding remarks have shewn that the lower air motion in India during the year 1888 was characterized by many large and important ariations from the normal.

A large number of small and unusually feeble cold weather depressions passed across Northern India during the month of January and February. Their effect upon the resultant air motion in Northern India was very small and winds were steadier than usual. The average air motion was greater than usual, especially in the Gangetic plain and Behar. This increased air movement was most marked in the eastern districts of the North-Western Provinces and in North and Central Behar, thus pointing to the existence of abnormal conditions in that area which became more prominent in the hot weather and rains. The following table gives data shewing the amount and extent of abnormal deviation :—

Station.		December 1887.	January 1888.	February 1888.
Lucknow	Actual average amount of wind per 24 hours	44	39	81
	Normal average amount of wind per 24 hours	40	57	78
	Percentage variation of actual from normal in 1888	+10	—32	+ 4
Allahabad	Actual average amount of wind per 24 hours	42	64	100
	Normal average amount of wind per 24 hours	36	46	64
	Percentage variation of actual from normal in 1888	+16	+39	+56
Benares	Actual average amount of wind per 24 hours	53	76	120
	Normal average amount of wind per 24 hours	58	70	97
	Percentage variation of actual from normal in 1888	— 9	+ 9	+24
Durbhunga	Actual average amount of wind per 24 hours	57	89	156
	Normal average amount of wind per 24 hours	49	55	80
	Percentage variation of actual from normal in 1888	+16	+62	+95
Patna	Actual average amount of wind per 24 hours	53	68	95
	Normal average amount of wind per 24 hours	40	48	69
	Percentage variation of actual from normal in 1888	+33	+42	+38
Purneah	Actual average amount of wind per 24 hours	?	55	77
	Normal average amount of wind per 24 hours	32	41	59
	Percentage variation of actual from normal in 1888	?	+34	+31

This table shows a slight tendency in December 1887 to increased air motion in the eastern districts of the North-Western Provinces and in Behar which became very prominent and general in February.

The hot weather months of March, April and May were characterized by increased heat and dryness in the interior and hence by very strongly developed hot weather conditions. The winds were hence unusually steady and strong in all districts, more especially in the large river plains of Burma and Northern India. The increased steadiness and strength of the winds was exhibited most strikingly in the wind systems of Bengal and the Gangetic plain. This is shown fully by the following data for each of the three lower air currents which tend towards Bengal at that period of the year, representative stations being selected :—

A.—Hot winds of the Gangetic plain.

Station.		March 1888.	April 1888.	May 1888.
Burdwan	Actual average amount of wind per 24 hours	77	118	132
	Normal average amount of wind per 24 hours	81	115	132
	Percentage variation of actual from normal in 1888	− 5	+ 3	0
Hazaribagh	Actual average amount of wind per 24 hours	218	274	221
	Normal average amount of wind per 24 hours	178	201	210
	Percentage variation of actual from normal in 1888	+ 22	+ 36	+ 5
Patna	Actual average amount of wind per 24 hours	101	147	141
	Normal average amount of wind per 24 hours	82	105	114
	Percentage variation of actual from normal in 1888	+ 23	+ 40	+ 24
Purneah	Actual average amount of wind per 24 hours	37	94	44
	Normal average amount of wind per 24 hours	81	86	81
	Percentage variation of actual from normal in 1888	− 54	+ 9	− 46
Durbhanga	Actual average amount of wind per 24 hours	119	212	178
	Normal average amount of wind per 24 hours	107	123	141
	Percentage variation of actual from normal in 1888	+ 11	+ 72	+ 21
Benares	Actual average amount of wind per 24 hours	146	158	136
	Normal average amount of wind per 24 hours	114	121	124
	Percentage variation of actual from normal in 1888	+ 28	+ 31	+ 10
Allahabad	Actual average amount of wind per 24 hours	113	137	138
	Normal average amount of wind per 24 hours	68	77	91
	Percentage variation of actual from normal in 1888	+ 66	+ 78	+ 52
Lucknow	Actual average amount of wind per 24 hours	105	125	104
	Normal average amount of wind per 24 hours	97	106	102
	Percentage variation of actual from normal in 1888	+ 8	+ 18	+ 2
Roorkee	Actual average amount of wind per 24 hours	62	99	74
	Normal average amount of wind per 24 hours	70	76	88
	Percentage variation of actual from normal in 1888	− 11	+ 30	− 16
Agra	Actual average amount of wind per 24 hours	119	134	124
	Normal average amount of wind per 24 hours	109	112	141
	Percentage variation of actual from normal in 1888	+ 9	+ 19	− 12
Lahore	Actual average amount of wind per 24 hours	77	75	62
	Normal average amount of wind per 24 hours	75	80	80
	Percentage variation of actual from normal in 1888	+ 3	− 6	− 23
Jeypore	Actual average amount of wind per 24 hours	118	128	137
	Normal average amount of wind per 24 hours	137	138	166
	Percentage variation of actual from normal in 1888	− 14	− 7	− 18

B.—Sea winds of South Bengal and Head of Bay.

Station.		March 1888.	April 1888.	May 1888.
False Point	Actual average amount of wind per 24 hours	296	408	419
	Normal average amount of wind per 24 hours	261	320	303
	Percentage variation of actual from normal in 1888	+ 13	+ 2	+ 38
Saugor Island	Actual average amount of wind per 24 hours	384	539	504
	Normal average amount of wind per 24 hours	295	401	367
	Percentage variation of actual from normal in 1888	+ 30	+ 34	+ 37
Dacca	Actual average amount of wind per 24 hours	132	216	155
	Normal average amount of wind per 24 hours	113	162	148
	Percentage variation of actual from normal in 1888	+ 17	+ 33	+ 5
Gopalpur	Actual average amount of wind per 24 hours	285	495	508
	Normal average amount of wind per 24 hours	283	348	319
	Percentage variation of actual from normal in 1888	+ 1	+ 42	+ 59

C.—Winds down Assam Valley.

Station.		March 1888.	April 1888.	May 1888.
Dhubri	Actual average amount of wind per 24 hours	148	237	171
	Normal average amount of wind per 24 hours	151	192	168
	Percentage variation of actual from normal	— 2	+ 23	+2

These data shew in the first place that these surface currents are closely related to each other and that increased intensity in one usually, if not invariably, accompanies increased intensity in the others. They are all in fact due to the temperature and thermal conditions of Northern India and the Bay of Bengal and a persistent variation of increased or decreased strength in one due to very strongly marked hot weather conditions necessarily accompanies a corresponding increase in the other two surface currents.

The data for Behar and the North-Western Provinces are further interesting in that they shew that the increased velocity of the winds was greater in the eastern districts of the North-Western Provinces and west and Central Behar relative to the normal strength than elsewhere. It is hence very probable that the increased velocity of the winds in that area was in part due to the continuance of the abnormal conditions of the two preceding months of January and February.

The air motion in the north of the Bay and Burma was very unusual for some time before the commencement of the south-west monsoon. The passage of two of the most influential cold weather storms across the Central Provinces, Orissa and the north of the Bay into Burma in January had already indicated the existence of abnormal conditions in the north of the Bay. The following tables give used data for several stations representing that area.

Station.		March.	April.	May.	June.
Port Blair	Actual average amount of wind per 24 hours	71	73	114	194
	Normal average amount of wind per 24 hours	106	117	175	241
	Percentage variation of actual from normal	— 33	— 38	— 35	— 20
Diamond Island	Actual average amount of wind per 24 hours	177	152	148	228
	Normal average amount of wind per 24 hours	190	172	169	204
	Percentage variation of actual from normal	— 7	— 12	— 12	+ 12
Akyab	Actual average amount of wind per 24 hours	90	117	102	97
	Normal average amount of wind per 24 hours	90	95	85	95
	Percentage variation of actual from normal	0	+ 23	+ 20	+ 2
Chittagong	Actual average amount of wind per 24 hours	111	189	125	124
	Normal average amount of wind per 24 hours	139	169	153	166
	Percentage variation of actual from normal	— 20	+ 12	— 18	— 25
False Point	Actual average amount of wind per 24 hours	296	408	419	332
	Normal average amount of wind per 24 hours	261	320	303	276
	Percentage variation of actual from normal	+ 13	+ 2	+ 38	+ 20
Gopalpur	Actual average amount of wind per 24 hours	285	495	508	385
	Normal average amount of wind per 24 hours	283	348	319	277
	Percentage variation of actual from normal	+ 1	+ 42	+ 59	+ 39

Station.		March.	April.	May.	June.
Port Blair	Actual steadiness and direction of wind	47 N. 72° E.	50 N. 44° E.	9 S. 81° W.	81 S. 56° W.
	Normal steadiness and direction of wind	69 N. 56° E.	45 N. 84° E	48 S. 34° W.	82 S. 38° W.
Diamond Island	Actual steadiness and direction of wind	92 N. 46° W.	79 N. 54° W.	60 S. 76° W.	82 S. 42° W.
	Normal steadiness and direction of wind	85 N. 42° W.	73 N. 58° W.	45 S. 76° W.	75 S. 32° W.
Akyab	Actual steadiness and direction of wind	33 S. 30° E.	33 S. 19° W.	29 S. 13° E.	30 S. 4° E.
	Normal steadiness and direction of wind	26 N. 58° W.	40 S. 75° W.	31 S. 33° W.	58 S. 2° E.
Chittagong	Actual steadiness and direction of wind	44 S. 17° W.	77 S. 7° E.	49 S. 10° W.	56 S. 17° E.
	Normal steadiness ond direction of wind	20 S. 54° W.	37 S. 12° W.	38 S.	56 S. 31° E.
False Point	Actual steadiness and direction of wind	68 S. 16° W.	93 S. 18° W.	89 S. 10° W.	75 S. 24° W.
	Normal steadiness and direction of wind	58 S. 38° W.	79 S. 38° W.	71 S. 31° W.	63 S. 45° W.
Gopalpur	Actual steadiness and direction of wind	76 S. 9° W.	91 S. 20° W.	93 S. 7° W.	73 S. 7° W.
	Normal steadiness and direction of wind	75 S. 2° W.	89 S. 7° W.	86 S. 1° W.	73 S. 12° W.

These data shew in the first place that the winds were more directly from the south than usual in the West Bengal and Orissa Coasts. This deflection also occurs in 1887 under similar intensified hot weather conditions and is probably one of the consequences of these conditions. The chief variations from the normal were exhibited by Port Blair where the winds were steadily more westerly than usual, Akyab where there was a remark-

able preponderance of easterly winds in March, May and the first three weeks of June, and Diamond Island where the winds were more variable than usual. These abnormal winds are in part at least explained by the existence of an area of persistent slightly deficient pressure in the north of the Bay, one effect of which was to delay the permanent establishment of the south-west monsoon until the fourth week of June.

The chief features of the air motion of the south-west monsoon currents from June to the beginning of September, were as follows :—

(*a*) Increased strength and unusual steadiness in July and August, more especially in the case of the Bengal current.

(*b*) Irregular air movement in the eastern districts of the North-Western Provinces and adjacent districts of Behar due to that area forming a species of sink to which many of the storms of the rains drifted.

(*c*) The abnormal strength and steadiness of the winds in July and August in Burma which apparently indicated a greater set of the current up the Bay towards Burma than usual. This is further confirmed by the unusual predominance of the westerly element of the south-west winds which prevailed at that period in Burma.

(*d*) The stronger southerly element than usual in the monsoon winds blowing across the Bombay coast during July and August. The current was hence more directed than usual to Rajputana, and the North-Western Provinces in these months.

(*e*) The early withdrawal of the Bombay monsoon current from Upper and Central India in the first week of September. The Bengal current withdrew from the Gangetic plain in the fourth week of September and was very feeble in the Bay for some time afterwards.

The withdrawal of the two monsoon currents from Northern India was followed by a prolonged period of light and variable winds, and it was not till the commencement of the 4th week of October that north-east humid and rain-giving winds set in on the Coromandel Coast. A period of broken and disturbed weather during which two cyclonic storms passed into India, one from the Bay and the other from the Arabian Sea, followed until the 16th November. From that period to the end of the year remarkably steady cold weather winds prevailed over the whole of Northern and Central India. North-east monsoon humid winds continued in Southern India until the middle of December when they were replaced by the normal north-east winds of the north-east monsoon proper.

HYGROMETRY.

The hygrometric data for the year are given in Tables X, XI and XII of the Appendix. The first of these gives the monthly means of the readings of the wet bulb thermometer at each hour of observation, of the minimum wet bulb, the mean range, and the mean wet bulb temperature, which is (with a few exceptions) the average of the 10h. and 16h. and minimum readings for the month, and the difference of these several values from the corresponding air temperatures. The precautions adopted in the exposure of these instruments are stated in page 136 of last year's Report.

The second table (XI of the Appendix) gives the monthly mean vapour tension, the monthly means for the two hours, 10 A.M. and 4 P.M., and those deduced from the readings

of the minimum dry and wet bulbs; and the observations in the third table (XII of the Appendix) give corresponding mean relative humidity data. In all cases, including the Ceylon stations the hygrometric data are taken from the tables accompanying the *Vade Mecum,* which are computed to the vapour tension of Lat. 22° by means of Regnault's modification of August's formula. In these a constant barometric pressure is assumed for the same station, *viz.*, 29·7 inches for stations up to 1,000 feet elevation, 27·7 inches for stations between 1,000 and 3,000 feet, 25·8 inches for those between 3,000 feet and 5,000 feet, 23·5 inches for the hill stations of the Nilgiris and the Himalayas, all of which are between 6,000 and 8,000 feet, and 19·7 inches for the hill stations of Leh and Kailang, which are at elevations of between 10,000 and 11,500 feet.

The four tables which follow (Tables XXI to XXIV) show the average vapour tension and relative humidity at 126 stations in India, Burma, &c., computed from as many years as have yielded comparable data, and the differences of these averages and those of the year 1888. In these tables of averages there have been included only two classes of data, namely, those deduced from the 10h., 16h., and minimum readings, and those formerly recorded at six-hourly intervals at certain stations. The differences between the results obtained by these two methods are small, and not sufficient seriously to affect the general validity of the averages; and they may be used as a fair approximation for the purpose of comparison until such time as a discussion of the hourly observations, recorded for some years past at several of the leading stations, shall afford the means of correcting the whole more accurately to a common standard.

In the case of the Ceylon stations and Dehra, the averages given are those of the observations of 9h. 30m. and 15h. 30m. only.

Tables XXV and XXVI give geographical summaries of the data of Tables XXIII and XXV, on a plan similar to that adopted in the cases of Tables XIII and XVI in previous sections of this report—

TABLE XXI.—*Average monthly mean vapour tension of 126 stations in India, Ceylon, &c.*

Stations.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Aden . . .	5—8	·640	·644	·703	·760	·839	·838	·802	·797	·845	·723	·646	·638	·740
Mauritius . .	16—17	·744	·745	·736	·698	·608	·538	·510	·510	·523	·557	·610	·695	·623
Bushire . .	9—11	·350	·343	·398	·509	·658	·778	·884	·935	·836	·637	·498	·394	·602
Amini Divi . .	3—4	?	?	·850	?	·910	·840	·886	·883	·857	·865	·828	·788	?
Quetta . . .	8—10	·162	·166	·210	·249	·286	·373	·466	·397	·257	·206	·153	·144	·256
Leh . . .	6—7	·069	·072	·098	·104	·122	·174	·243	·264	·172	·100	·082	·075	·131
Mooltan . .	10—13	·258	·256	·370	·433	·570	·742	·874	·879	·793	·524	·345	·264	·526
Dera Ismail Khan .	11—12	·223	·214	·318	·387	·453	·647	·833	·845	·675	·405	·270	·222	·458
Peshawar . .	11—12	·229	·226	·327	·407	·430	·515	·717	·766	·603	·380	·272	·230	·425
Murree . .	10—11	·142	·150	·190	·233	·266	·362	·533	·553	·422	·240	·160	·138	·282
Rawalpindi . .	11—13	·254	·257	·346	·417	·497	·612	·782	·812	·658	·415	·282	·241	·464

TABLE XXI.—*Average monthly mean vapour tension of 126 stations in India, Ceylon, &c.*—continued.

Stations.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Sialkot	10—13	·298	·300	·383	·405	·461	·631	·857	·879	·743	·467	·326	·296	·504
Lahore	13	·270	·272	·349	·384	·438	·605	·856	·856	·725	·464	·314	·279	·484
Ludhiana	9—13	·286	·295	·365	·419	·504	·627	·860	·864	·700	·489	·305	·274	·499
Chamba	3—4	·233	·213	·274	·311	·359	·457	·736	·736	·543	·350	·236	·199	·387
Simla	7—10	·159	·153	·200	·253	·302	·417	·544	·536	·458	·265	·181	·146	·301
Delhi	10—13	·284	·265	·340	·361	·504	·695	·875	·851	·754	·485	·321	·271	·500
Sirsa	10—12	·247	·240	·336	·382	·482	·632	·827	·800	·677	·392	·258	·235	·459
Chakrata	10—12	·157	·157	·192	·209	·281	·407	·543	·539	·471	·281	·195	·150	·299
Roorkee	11—12	·286	·279	·332	·321	·423	·635	·869	·857	·770	·496	·331	·282	·490
Ranikhet	12	·192	·190	·234	·262	·327	·463	·578	·569	·512	·330	·242	·194	·341
Pithoragarh	6—7	·221	·201	·254	·270	·368	·533	·645	·628	·574	·378	·266	·220	·380
Meerut	10—12	·289	·284	·369	·408	·501	·679	·878	·865	·754	·501	·326	·284	·512
Bareilly	11—12	·316	·312	·407	·431	·580	·762	·919	·902	·826	·564	·373	·309	·558
Agra	12	·291	·262	·319	·340	·449	·667	·904	·885	·781	·494	·307	·281	·498
Lucknow	12	·301	·284	·366	·416	·554	·764	·916	·908	·839	·579	·351	·304	·549
Gorakhpur	10—12	·352	·338	·431	·464	·674	·860	·950	·948	·904	·686	·444	·366	·618
Jhansi	12	·281	·253	·309	·346	·446	·673	·855	·848	·767	·505	·295	·264	·487
Allahabad	12—14	·347	·327	·379	·405	·548	·767	·958	·948	·899	·644	·412	·349	·582
Benares	11—12	·318	·284	·335	·359	·537	·760	·924	·924	·868	·652	·392	·319	·556
Ghazipur	3	·335	·272	P	·423	·589	·804	·940	·935	·879	·660	·423	·379	P
Katmandu	7—8	·246	·235	·309	·354	·489	·630	·684	·670	·627	·478	·332	·268	·444
Sibsagar	13	·418	·441	·539	·661	·779	·914	·944	·938	·915	·787	·581	·446	·697
Dhubri	6—7	·423	·377	·498	·653	·781	·900	·947	·925	·895	·785	·575	·466	·685
Silchar	13	·423	·436	·583	·717	·791	·907	·932	·919	·903	·810	·615	·472	·709
Darjeeling	10—12	·219	·206	·254	·316	·398	·491	·519	·506	·481	·368	·264	·212	·353
Pedong	3	·274	·267	·340	·419	·514	·635	·668	·644	·618	·512	·370	·300	P
Purneah	9—12	·365	·366	·460	·594	·772	·918	·978	·969	·942	·766	·519	·412	·672
Durbhunga	10—12	·397	·373	·457	·556	·764	·914	·970	·962	·942	·771	·533	·431	·673
Patna	12—13	·361	·351	·411	·471	·697	·880	·960	·957	·918	·703	·457	·374	·628
Gya	12—13	·317	·307	·389	·537	·694	·843	·921	·920	·889	·658	·417	·333	·602
Hazaribagh	11—13	·267	·243	·256	·303	·492	·695	·820	·802	·765	·547	·346	·272	·487
Berhampore	12—13	·389	·390	·516	·630	·803	·932	·958	·946	·934	·792	·554	·429	·689
Burdwan	12—13	·400	·403	·545	·658	·823	·937	·959	·950	·938	·801	·543	·413	·698
Jessore	12—13	·418	·438	·616	·772	·882	·974	·984	·970	·957	·846	·589	·445	·741

TABLE XXI.—*Average monthly mean vapour tension of 126 stations in India, Ceylon, &c.*—continued.

STATIONS.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Dacca . . .	12	·432	·444	·630	·804	·881	·971	·983	·974	·968	·859	·623	·478	·754
Chittagong . .	11—12	·464	·503	·681	·814	·858	·828	·910	·907	·914	·855	·684	·522	·745
Calcutta (*Alipore*) .	10—11	·437	·491	·673	·809	·889	·971	·973	·968	·958	·848	·585	·444	·754
Do. (*Chouringhee.*)	6—8	·461	·487	·671	·789	·894	·982	·985	·970	·963	·850	·579	·462	·758
Saugor Island .	19—20	·530	·627	·821	·939	·984	1·026	1·003	·995	·982	·864	·635	·503	·826
Cuttack . .	11—12	·474	·517	·660	·763	·825	·893	·900	·908	·902	·790	·582	·458	·723
False Point . .	7—10	·533	·615	·769	·891	·943	·959	·933	·932	·930	·833	·607	·487	·786
Sambalpur . .	10—12	·450	·467	·538	·557	·696	·822	·902	·908	·903	·778	·543	·429	·667
Raipur . . .	12—13	·361	·356	·379	·422	·488	·731	·828	·827	·807	·655	·443	·349	·554
Nagpur . .	12—13	·356	·323	·332	·355	·436	·708	·809	·792	·766	·589	·405	·344	·518
Seoni . . .	11	·322	·301	·313	·346	·435	·669	·751	·739	·697	·521	·350	·301	·479
Jubbulpore . .	11—13	·328	·306	·332	·328	·407	·693	·814	·803	·773	·575	·366	·304	·502
Saugor . .	9—11	·273	·240	·278	·301	·365	·612	·771	·785	·725	·507	·296	·265	·452
Pachmarhi . .	12—13	·277	·236	·248	·250	·355	·597	·672	·662	·628	·448	·301	·267	·412
Hoshangabad .	11—12	·342	·301	·316	·328	·446	·733	·827	·817	·785	·608	·387	·338	·519
Khandwa . .	11—13	·339	·316	·312	·344	·499	·711	·779	·763	·739	·554	·359	·326	·503
Chanda . .	10—12	·415	·398	·408	·428	·496	·734	·803	·811	·809	·699	·504	·403	·576
Sironcha . .	10—12	·457	·476	·506	·550	·605	·773	·829	·846	·838	·731	·565	·454	·636
Chikalda . .	11—12	·318	·291	·305	·276	·379	·588	·652	·643	·629	·480	·369	·311	·437
Buldana . .	9—12	·332	·294	·303	·331	·475	·678	·716	·704	·687	·561	·414	·347	·487
Akola . . .	11—12	·324	·278	·287	·281	·408	·676	·759	·743	·731	·583	·392	·329	·483
Amraoti . .	11—12	·337	·311	·318	·348	·438	·698	·767	·750	·727	·550	·391	·333	·497
Neemuch . .	9—11	·226	·211	·270	·277	·389	·607	·742	·734	·689	·443	·254	·231	·423
Nowgong . .	8—11	·289	·264	·317	·352	·407	·714	·869	·853	·794	·546	·323	·298	·502
Sutna . . .	11—12	·271	·221	·247	·253	·372	·632	·827	·821	·762	·518	·294	·250	·456
Indore . .	9—10	·268	·226	·244	·253	·415	·666	·752	·741	·707	·503	·304	·259	·445
Bickaneer . .	7—11	·191	·235	·324	·411	·497	·632	·715	·738	·706	·470	·252	·188	·447
Jeypore . .	7	·283	·245	·308	·307	·441	·678	·850	·799	·690	·429	·278	·273	·465
Sambhar . .	5—8	·259	·212	·273	·323	·447	·631	·807	·778	·669	·426	·252	·245	·444
Ajmere . .	11—12	·269	·252	·341	·393	·530	·668	·773	·772	·699	·473	·302	·267	·478
Mount Abu . .	8—12	·195	·169	·204	·241	·342	·557	·625	·602	·545	·343	·230	·212	·355
Pachpadra . .	6—9	·227	·172	·272	·381	·567	·732	·817	·771	·691	·428	·224	·210	·458
Jacobabad . .	9—11	·221	·213	·329	·397	·484	·679	·818	·816	·706	·457	·307	·236	·472
Hyderabad . .	8—11	·281	·273	·395	·504	·635	·745	·802	·790	·750	·484	·371	·276	·526

TABLE XXI.—*Average monthly mean vapour tension of 126 stations in India, Ceylon, &c.*—continued.

STATIONS.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Kurrachee . .	12—13	·353	·401	·596	·701	·887	·949	·917	·849	·832	·651	·446	·378	·663
Bhuj . . .	9—12	·287	·291	·394	·483	·660	·785	·815	·771	·728	·525	·306	·274	·527
Rajkot . .	7—11	·227	·235	·315	·376	·590	·720	·780	·761	·731	·539	·290	·266	·486
Deesa . . .	13	·265	·226	·319	·358	·596	·736	·828	·796	·740	·457	·284	·268	·489
Surat . . .	10—11	·395	·386	·498	·572	·749	·825	·864	·844	·835	·706	·504	·426	·634
Malegaon . .	9—11	·289	·303	·315	·324	·491	·690	·713	·688	·677	·546	·379	·322	·478
Bombay . .	41	·579	·605	·715	·817	·881	·928	·912	·882	·869	·845	·699	·621	·779
Poona . . .	12—13	·326	·289	·324	·383	·514	·683	·695	·681	·670	·555	·419	·333	·489
Sholapur . .	10—11	·343	·308	·325	·370	·458	·607	·644	·650	·655	·578	·458	·376	·481
Ratnagiri . .	11	·559	·591	·714	·794	·827	·847	·859	·850	·837	·799	·666	·565	·742
Belgaum . .	12—13	·357	·334	·414	·515	·595	·660	·668	·654	·644	·590	·469	·381	·523
Karwar . .	8—10	·595	·647	·761	·828	·853	·841	·826	·830	·818	·818	·718	·612	·762
Vizagapatam .	18	·584	·643	·747	·839	·909	·884	·853	·877	·884	·817	·654	·549	·770
Rajahmundry .	3—4	·507	·523	·624	·685	·723	·778	·807	·808	·793	·752	·593	·515	·676
Masulipatam .	12—13	·628	·669	·778	·894	·925	·866	·847	·861	·857	·845	·734	·637	·795
Secunderabad .	13	·406	·400	·435	·470	·503	·634	·673	·676	·689	·601	·480	·411	·532
Kurnool . .	3—5	·490	·452	·545	·616	·669	·723	·744	·744	·750	·739	·622	·544	·637
Bellary . .	12—13	·404	·352	·374	·471	·563	·651	·656	·661	·658	·628	·536	·460	·535
Mangalore . .	7—8	·608	·672	·798	·863	·858	·854	·839	·834	·826	·830	·753	·640	·781
Mercara . .	7—8	·425	·398	·488	·589	·619	·606	·583	·586	·578	·587	·540	·465	·539
Bangalore . .	12—13	·399	·394	·456	·536	·592	·617	·607	·608	·599	·591	·528	·456	·532
Cuddapah . .	3—4	·541	·518	·559	·570	·651	·706	·711	·729	·728	·751	·665	·609	·645
Madras . .	13	·631	·652	·759	·851	·852	·788	·769	·797	·797	·812	·750	·685	·762
Salem . . .	13	·563	·548	·620	·720	·768	·756	·743	·754	·746	·753	·695	·623	·691
Wellington . .	10—11	·306	·277	·332	·389	·443	·441	·419	·437	·422	·442	·413	·351	·389
Coimbatore . .	12—13	·500	·492	·586	·662	·694	·678	·659	·677	·667	·687	·648	·569	·627
Trichinopoly .	13	·606	·604	·665	·719	·736	·718	·700	·720	·722	·764	·731	·665	·696
Negapatam . .	12—13	·684	·681	·776	·878	·863	·786	·765	·797	·807	·821	·779	·728	·780
Madura . .	9—12	·619	·609	·671	·729	·741	·710	·693	·712	·712	·744	·724	·670	·695
Cochin . .	13	·690	·742	·838	·884	·891	·855	·836	·831	·831	·832	·810	·735	·815
Colombo . .	18	·743	·759	·823	·870	·893	·864	·846	·839	·838	·828	·810	·771	·824
Jaffna . . .	17	·734	·731	·828	·939	·997	·957	·918	·923	·924	·903	·853	·798	·875
Trincomalee .	15—17	·751	·758	·817	·839	·826	·810	·794	·789	·784	·803	·820	·793	·799
Batticaloa . .	17—18	·790	·792	·844	·888	·894	·853	·845	·855	·851	·864	·844	·817	·845

TABLE XXI.—*Average monthly mean vapour tension of 126 stations in India, Ceylon, &c.* —concluded.

STATIONS.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Hambantota .	15—18	·816	·824	·860	·902	·912	·883	·869	·872	·869	·866	·862	·836	·864
Galle . . .	18—19	·839	·841	·866	·912	·937	·927	·916	·905	·918	·904	·886	·855	·892
Kandy . .	17—18	·645	·624	·666	·731	·759	·733	·715	·710	·705	·712	·704	·679	·699
Newera Eliya .	16—18	·380	·346	·359	·401	·445	·448	·430	·432	·427	·435	·419	·404	·411
Akyab . .	10—12	·498	·518	·682	·815	·882	·915	·915	·908	·908	·879	·755	·588	·772
Thayetmyo . .	9—11	·471	·451	·591	·709	·833	·889	·899	·891	·888	·865	·729	·565	·732
Toungoo . .	8—10	·523	·532	·629	·728	·814	·860	·866	·866	·877	·864	·766	·634	·748
Bassein . .	10—11	·563	·583	·693	·787	·858	·901	·892	·891	·891	·887	·805	·661	·784
Diamond Island .	8—10	·636	·677	·777	·861	·897	·889	·880	·880	·879	·878	·809	·704	·814
Rangoon . .	11—12	·561	·567	·671	·792	·867	·902	·887	·893	·895	·896	·796	·675	·784
Moulmein . .	9—11	·565	·602	·716	·793	·852	·869	·858	·863	·867	·864	·755	·645	·771
Mergui . .	10—11	·712	·781	·835	·883	·887	·856	·846	·853	·850	·851	·786	·694	·820
Port Blair . .	10—12	·796	·816	·876	·932	·943	·915	·900	·899	·895	·914	·885	·835	·884
Nancowry . .	12—13	·794	·809	·837	·885	·889	·882	·871	·861	·854	·863	·852	·808	·850

TABLE XXII.—*Average monthly mean relative humidity of 126 stations in India, Ceylon, &c.*

STATIONS.	Years.	January.	February.	March.	April.	May	June.	July.	August.	September.	October.	November.	December.	Year.
Aden . . .	6—8	72	71	72	69	68	53	66	66	66	64	67	70	67
Mauritius . .	16—17	75	76	77	77	75	73	79	73	71	71	71	74	74
Bushire . .	9—11	62	70	68	64	60	63	64	66	65	63	66	71	65
Amini Divi . .	3—4	?	?	78	?	75	87	87	86	84	84	82	78	?
Quetta . .	8—10	67	66	57	50	42	42	49	45	38	43	48	55	50
Leh . . .	6—7	64	63	58	43	39	39	43	48	42	41	49	58	49
Mooltan . .	10—13	59	52	51	44	42	49	59	63	61	54	53	56	54
Dera Ismail Khan	11—12	54	47	47	43	37	43	59	61	54	44	47	51	49
Peshawar . .	11—12	63	58	57	54	41	38	53	60	56	48	55	61	54
Murree . .	10—11	59	63	54	50	45	46	74	82	67	46	43	49	57
Rawalpindi . .	12—13	73	69	63	55	48	47	59	72	65	55	59	66	61
Sialkot . .	10—13	72	68	58	43	39	45	67	72	65	53	57	69	59
Lahore . .	19—22	62	56	49	37	33	38	59	62	56	47	48	56	50
Ludhiana . .	9—13	68	62	54	47	44	47	69	71	66	54	52	61	58

TABLE XXII.—*Average monthly mean relative humidity of 126 stations in India, Ceylon, &c.* —continued.

Stations.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Chamba	3—4	72	63	55	50	48	48	78	83	67	55	51	55	60
Simla	7—10	61	56	52	48	50	63	89	91	79	53	49	47	62
Delhi	10—13	58	48	43	32	38	48	70	70	65	50	45	52	52
Sirsa	10—12	55	48	44	35	6	42	61	62	56	40	40	50	48
Chakrata	11—13	63	62	53	44	51	66	91	91	83	60	55	52	64
Roorkee	18—20	65	60	49	34	36	51	76	77	72	59	56	62	58
Ranikhet	13	63	59	54	45	52	64	86	87	80	61	57	56	64
Pithoragarh	6—7	67	57	53	43	55	70	85	85	79	62	58	57	64
Meerut	12—13	65	55	50	38	41	49	73	75	68	57	54	62	57
Bareilly	11—13	67	60	54	40	46	57	78	79	74	62	59	64	62
Agra	12—13	57	46	38	29	32	44	73	75	67	49	44	53	51
Lucknow	12—13	60	50	43	35	42	55	75	78	73	61	54	59	57
Gorakhpur	11—13	67	58	50	40	55	68	80	83	78	70	61	66	65
Jhansi	12—13	50	41	34	28	30	47	76	78	70	50	40	46	49
Allahabad	12—13	69	56	43	33	40	55	81	83	80	69	64	69	62
Benares	17—19	63	53	41	34	40	58	80	82	78	66	60	63	60
Ghazipur	3	62	43	?	36	45	60	79	82	76	63	56	66	
Katmandu	7—8	73	64	62	58	68	75	79	81	78	73	72	73	71
Sibsagar	13	86	81	79	81	82	83	83	84	85	85	84	85	83
Dhubri	6—7	77	64	61	68	80	87	85	86	87	81	76	77	77
Silchar	16—18	75	70	72	76	80	85	85	86	84	81	76	76	79
Darjeeling	18—20	79	78	73	75	87	95	95	94	95	81	81	75	84
Pedong	3	84	75	70	73	83	91	94	94	91	86	80	79	83
Purneah	8—11	68	61	55	55	69	79	84	86	84	77	70	71	72
Durbhunga	10—12	72	63	54	51	66	77	83	84	83	77	70	75	71
Patna	16—18	67	57	46	41	55	69	8	83	80	70	62	65	65
Gya	15—16	55	45	39	39	49	63	79	81	77	65	55	57	59
Hazaribagh	17—20	51	42	35	29	42	66	85	85	82	65	53	52	57
Berhampore	18—20	70	64	57	59	72	83	87	87	86	79	73	72	74
Burdwan	12—13	64	56	55	55	67	77	83	84	83	75	66	64	69
Jessore	17—18	68	62	62	67	76	84	87	87	86	81	72	69	75
Dacca	19—20	69	64	67	73	80	87	87	87	86	81	72	71	77
Chittagong	19—20	73	70	74	77	80	86	87	87	86	83	79	76	80
Calcutta (*Aliporé*)	10—11	71	68	69	71	76	84	87	88	88	84	74	72	78

TABLE XXII.—*Average monthly mean relative humidity of 126 stations in India, Ceylon, &c.* —continued.

STATIONS.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October	November.	December.	Year.
Calcutta (*Chowringhee.*)	6—8	69	64	67	67	77	86	89	90	88	82	70	70	77
Saugor Island	18—20	76	76	79	80	80	84	86	87	86	82	75	74	80
Cuttack	19—20	65	63	62	63	65	74	81	81	81	75	68	66	70
False Point	13—15	79	79	82	84	83	83	85	85	84	80	73	75	81
Sambalpur	10—12	66	58	51	43	48	66	84	84	81	75	67	66	66
Raipur	12—13	55	47	39	34	35	62	82	82	78	68	59	56	58
Nagpur	12—13	52	40	31	27	29	61	80	78	75	61	53	52	53
Seoni	11	53	43	34	30	34	63	81	81	75	60	51	52	55
Jubbulpore	11—13	60	50	38	29	30	59	82	82	78	66	57	58	57
Saugor	9—11	48	38	31	26	28	52	79	83	76	57	43	45	51
Pachmarhi	12—13	54	42	32	26	32	66	90	90	82	63	54	54	57
Hoshangabad	11—12	54	43	33	26	30	59	82	83	78	64	54	56	55
Khandwa	11—13	51	42	32	28	35	65	77	78	75	59	49	52	54
Chanda	10—12	60	50	40	33	33	60	77	78	78	72	66	62	59
Sironcha	10—12	62	54	45	40	41	65	80	81	80	72	68	65	63
Chikalda	11—12	53	42	34	27	36	71	92	93	89	65	56	54	59
Buldana	9—12	47	36	29	27	38	66	80	81	79	63	53	51	54
Akola	11—12	48	36	27	22	28	57	75	74	74	62	52	52	51
Amraoti	11—12	47	37	30	26	31	62	79	78	75	58	49	48	52
Neemuch	9—11	42	35	31	25	30	51	75	77	72	48	37	41	47
Nowgong	8—11	57	46	37	29	32	52	78	78	73	58	51	58	54
Sutna	11—12	52	39	30	23	28	49	77	78	72	57	45	48	50
Indore	9—10	45	35	29	23	32	61	82	82	78	57	45	47	51
Bickaneer	7—11	37	38	36	32	33	40	51	57	55	41	34	34	41
Jeypore	7	54	42	37	27	33	51	77	76	66	45	42	50	50
Sambhar	5-8	51	37	34	28	33	47	73	73	62	43	35	46	47
Ajmere	13	51	44	41	35	39	50	70	75	67	50	45	50	51
Mount Abu	8—12	40	32	29	28	35	66	87	89	76	45	37	41	50
Pachpadra	6—9	44	31	33	34	42	51	66	68	61	42	34	40	46
Jacobabad	9—11	47	39	40	36	34	42	53	57	54	45	45	47	45
Hyderabad	8—11	49	42	42	42	45	52	61	64	62	44	46	46	50
Kurrachee	12—13	56	57	66	68	74	74	78	78	76	64	55	56	67
Bhuj	9—12	44	40	42	44	52	61	72	71	67	40	36	39	51
Rajkot	7—11	35	33	35	36	47	59	72	73	72	50	34	34	49

TABLE XXII.—*Average monthly mean relative humidity of 126 stations in India, Ceylon, &c.* —continued.

STATIONS.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October	November.	December.	Year.
Deesa . . .	12—13	38	29	30	28	40	53	75	74	68	43	34	38	46
Surat . . .	10—11	54	49	52	50	60	69	81	80	79	67	56	56	63
Malegaon . .	9—11	42	37	31	27	39	63	73	72	71	58	48	47	51
Bombay . .	32	70	69	73	75	74	82	87	87	86	81	71	70	77
Poona . . .	12—13	41	32	29	30	44	70	80	79	77	59	47	42	53
Sholapur . .	10—11	43	34	29	28	36	58	66	68	70	61	53	49	50
Ratnagiri . .	11	60	63	69	69	69	79	85	85	84	76	64	59	72
Belgaum . .	12—13	47	38	41	50	60	81	89	88	85	72	58	50	63
Karwar . .	8—10	69	73	74	73	74	84	87	88	87	85	77	69	78
Vizagapatam .	18	65	65	66	67	69	68	71	72	74	72	65	63	68
Rajahmundry .	3—4	59	53	55	52	54	64	75	74	71	72	64	61	63
Masulipatam .	12—13	73	72	73	74	71	68	73	75	76	79	78	75	74
Secunderabad .	13	55	46	40	37	39	60	73	73	75	67	61	58	57
Kurnool . .	3—5	60	47	46	45	48	65	73	73	72	74	71	69	62
Bellary . .	12—13	50	37	33	34	43	58	63	64	64	65	61	58	53
Mangalore . .	7—8	64	68	73	73	75	87	90	89	87	84	75	66	78
Mercara . .	7—8	70	58	64	73	81	94	96	94	92	88	83	76	81
Bangalore . .	12—13	61	52	50	53	62	74	77	77	76	76	73	69	67
Cuddapah . .	3—4	60	50	44	39	44	55	60	64	64	72	72	71	58
Madras . .	13	73	72	73	73	67	63	65	70	71	78	80	77	72
Salem . . .	13	64	57	53	58	65	69	70	74	73	77	76	72	67
Wellington . .	10—11	70	57	59	63	70	75	73	77	76	84	84	78	72
Coimbatore . .	12—13	60	53	55	58	65	71	71	73	71	74	73	68	66
Trichinopoly .	13	68	62	58	55	57	57	58	62	64	73	77	75	64
Negapatam . .	12—13	75	71	72	73	70	65	65	71	72	78	81	81	73
Madura . .	9—12	66	61	59	58	60	59	58	62	63	72	74	73	64
Cochin . .	13	70	72	75	77	81	88	88	87	86	84	81	75	80
Colombo . .	17—18	74	72	76	77	79	80	80	80	79	80	79	76	78
Jaffna . . .	17	77	73	73	75	82	82	81	82	83	83	84	83	80
Trincomalee .	15—17	78	74	75	71	67	67	66	68	69	73	81	81	73
Batticaloa . .	17—18	82	80	80	78	76	71	71	74	75	80	84	85	78
Hambantota .	15—18	84	82	82	82	85	84	82	83	83	84	85	90	84
Galle . . .	17—18	87	83	83	85	87	90	90	89	90	90	89	88	87
Kandy . .	17—18	76	71	68	74	76	81	76	79	79	80	80	79	77

TABLE XXII.—*Average monthly mean relative humidity of 126 stations in India, Ceylon, &c.* —concluded.

Stations.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Newera Eliya	15—17	81	73	72	78	84	89	88	87	80	87	85	84	83
Akyab	17—19	72	69	73	74	78	87	89	88	85	83	80	76	80
Thayetmyo	9—11	67	58	55	55	68	82	84	84	82	80	77	72	72
Toungoo	8—10	70	63	60	61	71	84	87	88	84	81	80	77	76
Bassein	10—11	71	67	68	68	76	88	89	90	89	86	81	76	79
Diamond Island	8—10	71	72	76	76	71	86	88	88	87	84	80	75	80
Rangoon	11—12	66	63	65	67	77	89	90	91	89	85	79	73	78
Moulmein	9—11	64	63	66	69	77	89	90	90	88	81	74	62	76
Mergui	10—11	73	76	77	79	83	89	89	89	89	86	80	74	82
Port Blair	10—12	77	78	78	78	84	87	86	87	88	87	84	81	83
Nancowry	12—13	75	74	74	77	80	82	82	82	81	83	82	79	79

TABLE XXIII.—*Comparison of the monthly mean vapour tension data of 1888 with the averages of Table XXI.*

Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Aden	−·012	+·042	−·011	+·144	+·106	+·104	+·069	+·076	−·012	−·003	+·059	−·011	+·053
Mauritius	−·096	+·020	−·031	−·049	+·014	+·011	0	+·012	−·013	+·021	+·015	+·026	+·002
Bushire	+·026	+·052	+·052	+·008	+·051	0	+·013	−·030	−·001	+·132	−·054	−·032	+·020
Amini Divi	−·059	?	−·051	?	−·032	+·057	−·008	−·005	−·005	−·004	+·004	−·044	
Quetta	+·002	+·015	+·016	+·017	−·013	−·087	−·008	+·050	−·010	−·030	+·007	+·014	−·002
Leh	0	0	+·011	+·011	+·007	−·021	0	−·023	−·039	−·001	+·013	+·003	−·003
Mooltan	+·001	+·036	+·046	?	?	−·041	−·038	−·013	?	+·020	+·016	+·003	?
Dera Ismail Khan	−·044	+·022	−·022	−·082	−·072	−·110	−·090	−·056	−·132	−·046	+·014	−·027	−·056
Peshawar	−·024	+·028	+·025	+·005	−·006	−·036	+·040	+·088	−·035	+·001	+·033	+·008	+·011
Murree	−·015	+·008	+·002	−·026	−·050	−·077	+·001	+·017	−·052	−·024	+·020	−·016	−·018
Rawalpindi	−·030	+·031	−·006	−·025	−·052	−·022	+·087	+·082	−·074	0	+·102	+·093	+·015
Sialkot	−·043	+·036	+·062	−·033	−·106	−·112	−·015	+·009	−·058	−·040	+·018	−·020	−·026
Lahore	−·049	+·028	+·018	−·037	−·085	−·115	−·017	+·032	−·086	−·049	+·018	−·040	−·033
Ludhiana	−·040	+·002	−·021	−·117	−·161	−·098	+·036	+·058	+·013	−·046	+·045	−·020	−·032
Chamba	−·042	+·020	+·015	0	−·045	−·041	−·007	+·011	+·028	−·020	+·019	+·004	−·008

TABLE XXIII.—*Comparison of the monthly mean vapour tension data of 1888 with the averages of Table XXI*—continued.

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Simla	—·030	+·000	—·003	—·051	—·067	—·080	+·002	+·002	—·024	—·018	+·022	—·022	—·023
Delhi	—·020	+·055	+·033	+·022	—·036	—·056	+·051	—·095	+·005	+·056	+·102	—·035	+·024
Sirsa	—·010	+·041	+·100	+·181	+·175	—·055	—·024	+·039	—·046	+·096	+·074	+·014	+·053
Chakrata	—·012	+·019	+·017	—·029	—·053	—·095	+·015	+·009	+·005	—·015	+·023	—·004	—·010
Roorkee	—·026	+·032	—·008	—·041	—·046	—·143	+·023	+·042	+·025	+·013	+·061	+·020	+·079
Ranikhet	—·010	+·009	+·001	—·043	—·014	—·107	+·027	+·011	+·004	—·012	+·035	+·038	—·005
Pithoragarh	—·023	+·017	+ 015	+·003	—·019	—·110	+·012	+·018	—·009	+·011	+·022	+·014	—·004
Meerut	—·031	+·018	—·004	—·050	—·012	—·073	+·064	+·075	+·047	+·025	+·068	—·024	+·008
Bareilly	—·036	+·011	—·034	—·022	—·037	P	+·053	+·044	+·013	—·005	+·046	—·003	P
Agra	—·024	+·077	+·036	—·018	+·001	—·063	+·055	+·054	+·024	+·026	+·078	+·034	+·024
Lucknow	—·024	+·032	—·007	—·028	+·041	—·148	+·035	+·025	+·010	—·048	+·040	—·034	—·017
Gorakhpur	—·032	—·003	—·034	—·003	—·065	—·132	—·007	—·019	—·013	—·071	+·011	—·049	—·036
Jhansi	—·002	+·081	+·095	—·025	—·090	—·092	+·033	+·035	+·014	—·021	+·043	—·009	+·006
Allahabad	—·042	+·009	—·054	—·066	—·094	—·138	+·016	+·011	—·020	—·089	+·008	—·056	—·045
Benares	—·021	+·027	—·019	—·017	—·064	—·142	+·023	+·015	+·011	—·094	+·031	—·045	—·026
Ghazipur	—·030	+·033	P	+·026	—·008	—·153	+·008	—·004	—·002	—·080	+·005	—·093	P
Katmandu	+·006	+·010	+·039	+·021	—·021	—·062	+·002	+·002	—·018	—·037	—·048	—·008	—·010
Sibsagar	+·006	+·022	+·050	+·021	+·011	+·025	+·025	+·036	+·014	+·004	0	—·014	+·017
Tezpur	P	P	P	P	P	P	P	—·039	—·076	—·056	P	—·040	P
Dhubri	—·021	+·010	+·066	—·043	+·012	—·016	—·008	—·004	+·013	—·031	+·012	—·008	—·001
Silchar	—·011	+·011	+·023	+·001	+·008	—·016	—·002	+·011	+·010	—·034	+·004	—·027	—·002
Darjeeling	—·009	+·011	+·024	+·011	—·010	—·003	—·001	+·004	—·013	+·011	+·004	P	P
Pedong	—·013	+·016	+·024	0	—·002	—·006	—·001	+·016	+·001	0	—·007	—·014	+·014
Purneah	—·011	—·013	+·027	—·016	+·049	P	P	P	P	—·024	P	P	P
Durbhunga	P	—·012	+·042	+·063	+·027	—·002	—·003	—·013	—·019	—·063	—·030	—·051	P
Patna	—·026	—·018	—·039	—·021	—·069	—·102	+ 008	—·014	—·010	—·064	+·008	—·026	—·031
Gya	—·010	+·028	+·077	+·040	—·004	—·045	+·004	—·005	—·014	—·023	+·067	+·007	+·011
Hazaribagh	0	+·022	—·060	—·046	—·094	—·191	—·008	+·001	—·019	—·045	+·063	—·028	—·033
Berhampore	—·020	—·005	—·013	—·009	+·039	+·022	+·017	+·041	+·011	—·015	+·047	—·010	+·009
Burdwan	—·073	—·031	—·086	—·043	—·041	—·074	—·022	—·022	—·044	—·076	+·023	—·066	—·047
Jessore	—·028	—·004	0	+·010	+·021	+·026	+·013	+·013	+·016	—·045	+ 024	—·020	+·002
Dacca	—·021	+·001	+·044	+·024	+·047	+·026	—·003	—·008	—·010	—·053	+·012	—·012	+·004
Chittagong	—·002	+·022	+·033	+·011	+·032	+·113	+·003	—·002	+·017	—·008	—·008	—·029	+·015
Calcutta (*Chowringhee*)	—·045	+·002	+·035	+·064	+·052	+·009	+·020	+·010	—·003	—·022	+·056	—·030	+·014

TABLE. XXIII.—*Comparison of the monthly mean vapour tension data of 1888 with the averages of Table XXI*—continued.

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Calcutta (*Alipore*) .	—·043	—·005	+·026	+·055	+·045	+·020	+·006	+·002	+·008	—·036	+·050	—·030	+·009
Saugor Island . .	—·079	—·019	+·026	+·015	+·005	+·026	—·007	—·006	—·016	—·054	+·031	—·039	—·010
Cuttack . . .	+·004	+·064	+·007	—·071	+·019	—·068	—·010	—·003	—·012	—·083	+·047	—·073	—·003
False Point . .	+·018	+·021	+·065	+·059	+·028	+·024	+·001	—·001	—·009	—·053	+·097	+·006	+·022
Sambalpur . .	—·077	?	—·099	—·122	—·129	—·066	—·027	—·027	—·026	—·119	+·037	—·080	?
Raipur . . .	—·001	—·003	—·086	—·132	—·138	—·083	—·009	—·020	—·056	—·166	+·036	—·109	—·067
Nagpur . . .	—·033	+·074	+·037	+·003	—·050	+·045	+·003	+·008	—·023	—·083	+·115	—·066	+·009
Seoni . . .	+·001	+·042	—·021	—·072	—·122	—·037	+·009	+·007	—·016	—·042	+·125	—·036	—·015
Jubbulpore . .	+·020	+·071	+·005	—·021	—·012	—·047	—·004	—·005	—·029	—·091	+·037	—·057	—·011
Saugor . . .	+·009	+·072	+·006	—·044	—·053	—·002	+·039	+·017	+·044	—·044	+·037	—·048	+·002
Pachmarhi . .	+·024	+·075	+·014	—·018	—·044	—·019	—·020	—·029	—·040	?	—·067	—·073	?
Hoshangabad .	+·0 24	+·096	+·033	—·025	+·007	+·006	—·008	—·003	—·022	—·069	+·027	—·074	0
Khandwa . .	+·025	+·059	+·023	+·040	—·114	+·007	+·012	0	—·024	—·059	+·066	—·083	—·003
Chanda . .	+·004	+·020	—·038	—·057	—·075	—·010	—·019	—·036	—·018	—·115	+·072	—·069	—·030
Sironcha . .	+·038	+·005	—·019	+·003	—·005	+·006	+·018	+·003	+·008	—·103	+·106	—·019	+·003
Chikalda . .	+·005	+ 021	—·029	—·019	—·064	+·050	+·006	—·001	—·004	—·057	+·057	—·049	—·007
Buldana . .	+·016	+·023	—·029	—·067	—·135	—·012	—·013	—·009	—·042	—·126	+·039	—·095	—·040
Akola . . .	+·058	+·087	+·055	+·019	—·042	+·037	+·031	+·021	—·014	—·071	+·110	—·044	+·022
Amraoti . .	+·032	+·045	+·039	—·012	—·057	+·024	+·015	—·001	—·006	—·091	+·089	—·039	+·004
Neemuch . .	+·029	+·147	+·052	+·115	+·076	+·088	+·072	+·056	—·042	+·025	+·112	+·038	+·068
Nowgong . .	—·021	+·059	+·009	—·057	—·056	0	?	+·004	—·012	—·067	+·051	—·015	?
utna . . .	0	+·066	+·016	—·037	—·095	—·061	+·040	+·023	+·018	—·062	+·047	—·037	—·008
idore . . .	+·048	+·121	+·039	+·028	—·066	+·033	—·002	—·009	—·048	—·074	+·038	—·040	+·007
ckaneer . . .	—·077	—·092	—·077	—·068	—·114	—·153	—·189	—·177	—·175	—·024	+·020	—·008	—·100
pore . . .	—·046	+·052	+·023	+·010	—·073	—·105	—·007	+·063	—·063	+·018	+·070	—·040	—·010
nbhar . . .	—·009	+·105	+·065	+·059	—·090	—·039	—·026	+·050	—·045	—·008	+·058	—·008	+·010
nere . . .	—·034	+·017	—·012	+·012	—·069	+·023	+·034	+·037	—·069	—·052	+·078	—·004	—·003
unt Abu . .	+·037	+·070	+·053	+·035	—·044	0	+·019	+·023	—·041	—·036	+·014	—·021	+·013
hpadra . .	—·009	+·122	+·145	+·151	+·058	—·002	+·009	+·022	—·040	—·008	+·104	—·003	+·050
bbabad . .	—·030	+·063	—·034	—·094	—·211	—·110	—·042	—·050	—·110	—·076	—·041	—·036	—·068
lerabad . .	—·033	+·062	+·031	+·017	—·070	+·042	+·006	+·003	—·049	+ 060	—·050	—·001	+·002
rachee . .	—·039	+·040	+·026	+·052	—·097	—·001	—·007	+·001	—·036	—·029	—·060	—·025	—·014
j . . .	—·032	+·099	+·015	+·012	—·104	—·022	—·024	—·001	—·055	—·050	+·058	—·026	—·012
tot . . .	+·073	+·137	+·205	+·163	—·026	+·009	—·014	+·027	—·008	—·025	+·170	—·015	+·064

TABLE XXIII.—*Comparison of the monthly mean vapour tension data of 1888 with the averages of Table XXI*—continued.

Stations.	January.	February.	March.	April.	May.	June.	July	August.	September.	October.	November.	December.	Year.
Deesa	+·010	+·047	+·007	+·127	—·015	—·014	—·038	—·011	—·114	—·095	—·004	—·076	—·012
Surat	?	+·089	+·043	+·030	+·002	+·022	+·006	—·005	—·009	+·056	+·119	—·037	?
Malegaon	+·065	+·028	—·018	+·001	—·095	+·002	—·003	—·012	—·021	—·110	+·044	—·084	—·017
Bombay	+·034	+·033	+·044	+·009	—·021	+·003	—·001	—·013	—·013	—·018	+·048	—·009	+·009
Poona	+·068	+·069	+·040	—·001	—·012	+·013	+·022	+·011	+·026	—·019	+·115	—·018	+·028
Sholapur	+·048	+·025	+·026	0	+·004	+·065	+·063	—·003	+·009	—·075	+·106	—·030	+·021
Ratnagiri	+·015	+·018	+·007	—·002	—·019	+·008	—·001	—·008	—·009	—·061	+·033	—·017	—·002
Belgaum	+·036	+·024	+·008	—·005	—·011	+·014	+·011	+·011	+·013	—·028	+·060	—·033	+·009
Karwar	+·038	+·007	0	—·009	—·025	—·006	+·014	+·003	+·011	+·011	+·029	—·033	+·004
Vizagapatam	—·005	+·012	—·006	+·017	—·093	—·010	—·022	—·044	—·029	—·062	+·062	—·034	—·014
Rajahmundry	—·022	—·002	—·025	+·020	—·011	—·075	—·055	—·052	—·040	—·140	+·041	—·071	—·037
Masulipatam	+·065	+·053	+·026	+·041	+·085	+·099	—·023	—·067	—·025	—·082	0	—·071	+·010
Secunderabad	+·050	+·047	+·088	+·104	+·111	+·061	+·018	+·031	—·003	—·047	+·105	—·037	+·047
Kurnool	—·049	—·093	—·142	—·121	—·131	—·085	—·078	—·097	—·065	—·177	?	?	?
Bellary	+·021	+·016	+·023	+·053	+·010	+·017	+·011	+·016	+·030	—·080	+·077	—·007	+·016
Mangalore	+·018	+·030	—·002	—·010	—·009	—·001	+·026	+ 007	—·001	+·027	+·009	—·037	+·006
Mercara	+·007	—·006	—·145	—·003	—·035	—·018	—·001	—·010	—·006	—·036	?	?	?
Bangalore	+·058	+·054	+·056	+·020	0	+·005	+·010	+·013	+·014	+·007	+·033	—·020	+·022
Cuddapah	+·014	0	—·022	+·021	—·040	—·057	—·035	— ·051	—·016	—·051	+·037	—·058	—·022
Madras	+·038	+·050	+·030	+·091	+·083	+·063	+·071	+·036	+·067	+·051	+·070	+·010	+·058
Salem	+·028	+·010	+ 000	+·123	+·036	+·065	+·080	+·029	+·034	+·020	?	?	?
Wellington	+·030	+·003	—·016	—·011	+·015	—·000	—·019	—·007	+·020	—·007	+·012	—·007	+·001
Coimbatore	+·033	?	?	?	?	?	?	?	?	?	?	?	?
Trichinopoly	+·040	+·047	+·030	+·058	+·039	—·027	—·050	—·048	+·008	0	+·037	—·018	+·010
Negapatam	+·024	+·028	+·003	+·027	+·029	+·006	+ ·040	+·013	+·039	+·046	+·056	—·003	+·027
Madura	+·012	+·016	+·008	+·001	—·015	—·074	—·092	—·083	—·038	—·031	+·016	—·006	—·024
Cochin	+·012	—·012	+·006	+·008	—·011	—·006	+·012	+·008	+·019	+·011	+·007	—·017	+·003
Colombo	—·026	—·035	—·017	—·005	—·037	—·031	—·029	—·028	—·043	—·018	+·016	—·011	—·023
Jaffna	—·025	—·024	+·012	+·046	—·019	—·021	+·008	+·041	+·028	+·018	+·029	—·016	+·007
Trincomalee	—·019	—·009	+·012	+·055	+·054	+·047	+·056	+·019	+·004	+·063	+·033	—·008	+·026
Batticaloa	—·030	+·007	+·018	+·050	+·001	—·007	—·023	+·002	+·059	+·065	+·015	—·022	+·011
Hambantota	—·110	—·143	—·024	—·052	—·067	—·074	—·093	—·089	—·102	—·048	—·026	—·021	—·076
Galle	+·010	+·010	+·063	+·088	+·019	+·003	+·029	+·023	+·024	+·014	+·028	+·020	+·029

TABLE XXIII.—*Comparison of the monthly mean vapour tension data of 1888 with the averages of Table XXI*—concluded.

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Kandy	−·024	+·050	+·120	−·018	−·031	−·009	−·018	−·034	−·035	−·025	−·021	−·031	−·006
Newera Eliya . . .	−·054	−·077	+·002	+·025	−·005	−·018	−·027	−·012	+·019	P	P	P	P
Akyab	−·022	+·018	−·010	−·007	+·017	+·004	−·012	−·015	+·007	−·019	+·012	−·021	−·004
Thayetmyo . . .	+·025	+·044	−·031	+·035	+·040	+·020	−·010	−·003	+·020	−·027	−·037	−·046	+·004
Toungoo . . .	+·022	+·071	+·003	+·013	+·022	−·011	−·025	−·038	−·016	−·068	−·038	−·115	−·015
Bassein	+·012	−·005	−·030	−·018	+·021	−·087	−·002	+·004	+·017	−·020	+·020	−·011	−·001
Diamond Island . .	+·008	0	−·005	−·014	−·001	+·026	−·002	−·008	−·002	−·010	+·023	−·028	−·001
Rangoon . . .	+·018	+·034	+·004	−·012	+·003	−·008	−·013	−·018	+·016	−·024	+·053	−·022	+·002
Moulmein . . .	−·014	+·025	−·022	+·038	+·017	+·001	0	−·020	+·010	+·009	P	−·007	P
Mergui	−·063	−·048	−·013	−·017	−·044	−·032	−·035	−·044	−·033	−·050	+·020	+·026	−·030
Port Blair . . .	−·050	−·032	−·049	−·006	−·016	−·023	−·019	−·029	−·008	−·018	+·033	+·021	−·018
Nancowry . . .	−·051	−·040	−·006	−·016	−·016	−·017	+·008	+·025	+·028	+·007	+·018	P	P

TABLE XXIV.—*Comparison of the monthly mean relative humidity data of 1888 with the average of Table XXII.*

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Aden	− 1	+ 4	− 1	+10	+ 7	+15	+ 2	0	0	+ 1	+ 3	− 2	+ 4
Mauritius . . .	+ 3	+ 5	+ 2	+ 1	+ 3	+ 2	− 5	+ 1	+ 1	+ 5	0	+ 5	+ 2
Bushire	+16	+ 4	0	− 1	+ 4	− 2	0	− 3	− 2	+ 4	− 8	− 2	+ 1
Amini Divi . . .	− 4	P	− 7	P	− 1	− 2	− 5	− 5	− 7	− 4	− 4	− 9	P
Quetta	+ 5	+ 1	− 2	− 2	0	− 5	− 2	+ 5	+ 2	− 1	+ 3	+ 1	+ 1
Leh	+ 2	+ 5	+ 2	+ 7	+ 4	+ 1	+ 2	− 1	− 9	0	+ 7	+ 5	+ 2
Mooltan . . .	+ 2	+ 9	− 2	P	P	− 7	− 6	− 4	P	+ 1	+ 2	− 2	P
Dera Ismail Khan . .	− 6	+ 6	− 9	−14	−11	− 9	−12	− 7	−12	− 5	− 2	− 6	− 7
Peshawar . . .	− 3	+ 5	− 2	− 5	− 6	− 5	− 1	+ 5	− 6	− 1	+ 1	0	− 2
Murree	+ 2	+ 6	− 6	− 8	−12	− 7	+ 1	+ 5	−12	− 2	+10	− 7	− 3
Rawalpindi . . .	− 3	+ 7	− 8	− 7	−11	− 3	+ 7	+ 5	−12	− 2	+11	+18	0
Sialkot	− 3	+ 9	+ 4	− 4	−10	− 8	0	+ 4	− 7	+ 1	0	− 5	− 2

TABLE XXIV.—*Comparison of the monthly mean relative humidity data of 1888 with the averages of Table XXII*—continued.

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Lahore	− 1	+11	+ 1	− 3	− 5	− 3	+ 3	+ 9	+ 1	+ 4	+10	+ 1	+ 2
Ludhiana . . .	− 2	+ 1	− 8	−17	−18	− 8	+ 4	+ 7	0	0	+ 6	− 2	− 4
Chamba	−10	+ 2	− 3	− 4	− 8	− 4	− 1	− 1	+ 1	0	+ 7	− 1	− 2
Simla	− 4	+ 4	− 5	−11	−12	−10	+ 1	0	0	0	+10	−10	− 4
Delhi	+ 3	+11	+ 1	− 1	− 5	− 4	+ 3	+11	+ 4	+ 7	+11	0	+ 3
Sirsa	+ 4	+ 9	+ 6	+10	+ 4	− 3	− 2	+ 3	− 4	+12	+10	+ 3	+ 4
Chakrata . . .	− 1	+ 3	− 3	−11	−13	−16	+ 1	0	+ 4	− 5	+ 9	− 6	− 3
Roorkee . . .	+ 2	+ 5	− 2	− 6	− 5	−13	+ 3	+ 3	+ 5	+ 5	+ 9	+ 7	+ 1
Ranikhet . . .	+ 4	+ 4	− 4	−11	− 5	−16	+ 4	+ 2	+ 5	− 3	+11	+ 6	+ 1
Pithoragarh . . .	− 1	+ 6	− 1	− 4	− 5	−17	0	0	+ 4	+ 3	+ 7	+ 4	0
Meerut	0	+ 5	− 2	− 4	− 2	− 4	+ 8	+ 9	+10	+ 7	+11	− 2	+ 3
Bareilly	0	0	− 7	− 4	− 5	P	+ 8	+ 5	+ 7	+ 2	+ 5	+ 1	P
Agra	+ 1	+11	0	− 4	− 3	− 7	+ 6	+ 7	+ 6	+ 4	+ 8	+ 4	+ 2
Lucknow . . .	+ 1	+ 4	− 1	− 3	− 5	−11	+ 7	+ 5	+ 5	− 4	+ 3	− 3	0
Gorakhpur . . .	− 1	− 1	− 4	− 1	− 8	−14	+ 3	− 2	+ 3	− 8	+ 2	− 8	− 4
Jhansi	+ 5	+12	+ 7	− 5	− 9	−10	+ 5	+ 9	+ 2	− 3	+ 4	− 2	+ 2
Allahabad . . .	− 3	− 1	− 8	− 6	−10	−14	+ 5	+ 5	+ 2	− 9	− 2	− 8	− 4
Benares	0	0	− 5	− 9	− 6	−15	+ 4	+ 4	+ 1	− 7	0	− 8	− 4
Ghazipur . . .	− 2	+ 4	P	− 1	− 4	−15	+ 3	− 1	+ 1	− 6	− 1	−14	P
Katmandu . . .	+ 2	− 2	+ 3	+ 4	− 2	− 8	0	− 4	− 3	− 5	−10	− 2	− 2
Sibsagar . . .	0	+ 2	+ 3	+ 3	+ 3	+ 3	+ 3	+ 2	+ 1	− 1	+ 1	− 2	+ 2
Tezpur	P	P	P	P	P	P	P	− 4	− 7	− 6	P	− 4	P
Dhubri	− 4	− 1	+ 7	− 1	+ 2	− 1	+ 3	− 1	− 2	− 4	+ 3	+ 1	+ 1
Silchar	− 3	0	+ 1	+ 7	+ 2	+ 1	− 1	− 2	− 1	− 6	− 1	− 6	− 1
Darjeeling . . .	+ 4	+ 6	+ 4	+ 3	− 4	− 2	0	0	− 4	+ 6	− 1	P	P
Pedong	− 5	+ 1	+ 3	0	− 2	− 2	0	− 1	0	− 1	− 1	− 4	− 1
Purneah . . .	+ 3	− 2	+ 1	0	+ 6	P	P	P	P	P	P	P	P
Durbhunga . . .	P	− 2	+ 4	+ 6	+ 2	− 4	− 1	− 3	− 2	− 7	− 1	− 7	P
Patna	− 1	− 3	− 6	− 2	− 6	−12	+ 2	+ 2	− 1	− 9	− 1	− 2	− 3
Gya	+ 3	+ 5	+ 6	+ 8	+ 3	− 6	0	0	0	0	+ 9	+ 5	+ 2
Hazaribagh . . .	+ 6	+ 1	− 9	− 7	−10	−26	+ 1	+ 4	− 1	− 8	+ 5	− 4	− 4
Berhampore . . .	+ 2	+ 1	+ 2	+ 2	+ 4	− 1	+ 4	+ 6	+ 2	− 1	+ 8	+ 3	+ 3
Burdwan . . .	− 7	− 2	− 8	− 3	− 5	−11	0	+ 1	− 4	− 7	+ 4	− 6	− 4
Jessore	− 2	0	− 2	0	− 4	− 5	+ 2	+ 2	− 1	− 6	+ 2	− 1	− 1

TABLE XXIV.—*Comparison of the monthly mean relative humidity data of 1888 with the averages of Table XXII*—continued.

Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Dacca	0	+ 1	+ 4	+ 5	+ 2	— 1	+ 2	+ 1	— 1	— 4	+ 4	— 1	+ 1
Chittagong	+ 1	+ 4	+ 3	+ 4	+ 2	+ 2	+ 3	+ 2	+ 1	0	0	— 2	+ 2
Calcutta (*Chowringhee*)	— 2	0	0	+ 6	0	— 8	+ 2	+ 1	— 2	— 2	+ 6	— 1	0
Do. (*Alipore*)	— 3	+ 1	+ 1	+ 3	— 1	— 8	— 1	0	— 2	— 3	+ 5	— 2	— 1
Saugor Island	— 4	+ 2	+ 3	+ 2	— 1	— 3	0	+ 2	— 1	— 4	+ 4	+ 1	+ 1
Cuttack	— 1	+ 1	— 3	— 2	— 6	—16	— 5	+ 1	— 6	—10	+ 2	— 9	— 4
False Point	+ 1	— 2	— 1	0	— 4	— 4	0	+ 5	— 3	— 4	+ 7	— 1	0
Sambalpur	— 5	?	— 8	—11	—10	—11	— 2	+ 1	— 3	— 9	+ 1	— 8	?
Raipur	+ 3	— 4	—11	—14	—11	—12	0	— 1	— 7	—18	— 1	—16	— 8
Nagpur	+ 8	+ 8	+ 2	— 3	— 5	+ 2	— 1	+ 1	— 5	—10	+ 8	— 9	0
Seoni	+ 6	+ 6	— 1	— 7	—11	— 7	+ 1	+ 4	— 2	— 7	+14	— 2	— 1
Jubbulpore	+ 7	+ 9	+ 2	— 2	— 1	— 9	+ 1	+ 4	— 3	— 8	+ 1	— 6	0
Saugor	+ 7	+10	0	— 5	— 5	— 3	+ 5	+ 8	+ 5	— 5	+ 4	— 6	+ 1
Pachmarhi	+ 9	+12	+ 2	— 3	— 3	— 5	— 3	0	— 6	?	+ 7	—10	?
Hoshangabad	+10	+12	+ 4	— 2	0	— 1	+ 1	+ 5	— 3	— 7	— 1	—10	+ 1
Khandwa	+ 8	+ 5	+ 1	0	— 9	— 4	+ 2	+ 1	— 6	— 8	+ 2	—12	— 2
Chanda	+ 2	0	— 3	— 5	— 5	— 2	0	— 2	— 4	—11	+ 4	— 5	— 3
Sironcha	+ 6	0	— 1	— 1	+ 1	— 5	+ 3	0	— 3	— 9	+ 6	— 2	— 1
Chikalda	+ 5	+ 5	— 2	— 2	— 5	+ 2	+ 3	+ 3	— 5	—11	+ 7	—10	0
Buldana	+ 7	+ 4	— 2	— 7	—11	— 3	— 1	0	— 8	—16	+ 2	—14	— 4
Akola	+12	+13	+ 8	0	— 2	0	+ 3	+ 4	— 6	— 9	+ 5	— 5	+ 2
Amraoti	+ 8	+ 5	+ 3	— 3	— 5	+ 1	+ 3	0	— 6	—12	+ 7	— 7	— 1
Neemuch	+ 8	+21	+ 5	+ 9	+ 6	+ 2	+ 6	+10	— 8	+ 1	+15	+ 4	+ 7
Nowgong	+ 3	+11	+ 2	— 3	— 8	— 3	?	+10	+ 2	— 3	+ 6	+ 2	?
Sutna	+ 6	+ 8	0	— 4	— 9	—10	+ 7	+ 8	+ 4	— 5	+ 5	— 4	0
Indore	+11	+16	+ 4	+ 1	— 5	+ 1	— 1	+ 1	— 8	— 7	+ 2	— 8	+ 1
Bickaneer	—11	—13	— 9	— 5	— 7	— 9	—15	—12	—14	0	+ 2	— 2	— 9
Jeypore	— 2	+ 9	0	0	— 7	—11	— 5	+10	— 7	+ 5	+10	— 5	0
Sambhar	+ 6	+20	+ 5	+ 4	— 8	— 5	— 7	+ 9	— 5	+ 3	+13	+ 2	+ 3
Ajmere	+ 1	+ 4	— 4	— 2	— 7	— 1	+ 2	+ 9	— 7	— 1	+14	+ 1	+ 1
Mount Abu	+16	+15	+ 5	+ 3	— 5	+ 1	+ 3	+ 7	— 9	— 5	+ 4	— 5	+ 3
Pachpadra	— 2	+16	+10	+ 9	0	— 1	— 6	+ 1	— 8	— 5	+ 8	— 3	+ 2
Jacobabad	— 3	+16	— 5	— 9	—14	— 6	— 4	— 5	— 5	— 5	— 4	— 6	— 5
Hyderabad	— 5	+ 9	+ 1	+ 1	— 5	+ 3	0	— 1	— 1	+ 6	— 6	— 2	0

TABLE XXIV.—*Comparison of the monthly mean relative humidity data of 1888 with the averages of Table XXII*—continued.

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Kurrachee . . .	0	+ 9	+ 3	+ 2	— 7	+ 1	0	+ 1	— 3	— 6	— 9	— 7	— 1
Bhuj	— 4	+14	0	0	— 6	— 4	— 2	+ 4	— 4	+ 4	+ 5	— 4	0
Rajkot	+10	+18	+18	+12	0	0	— 2	+ 6	— 3	0	+19	+ 5	+ 7
Deesa	+ 5	+ 6	— 1	+ 8	— 2	— 4	— 8	0	—15	—10	0	—12	— 3
Sūrat	?	+ 8	+ 1	+ 2	+ 2	0	+ 1	+ 3	— 3	+ 6	+12	— 1	?
Malegaon . . .	+12	+ 5	— 3	— 1	— 8	— 1	0	— 3	— 5	—13	0	—13	— 3
Bombay	+ 3	+ 3	+ 1	0	— 1	+ 1	— 2	— 1	— 5	— 7	0	— 5	— 1
Poona	+10	+ 7	+ 4	0	— 1	— 2	+ 2	+ 2	— 1	— 6	+ 9	— 3	+ 1
Sholapur . . .	+ 8	+ 3	0	0	+ 2	+ 4	+ 8	— 2	— 3	—11	+ 9	— 3	+ 1
Ratnagiri . . .	+ 4	+ 2	0	+ 1	+ 1	+ 2	0	0	— 3	—10	0	— 5	— 1
Belgaum . . .	+ 8	+ 2	+ 1	— 2	— 1	+ 1	+ 2	+ 3	— 1	— 8	+ 5	— 6	+ 1
Karwar	+ 4	+ 2	+ 2	— 1	+ 1	+ 1	— 1	0	— 2	— 6	— 2	— 5	0
Vizagapatam . .	— 1	— 2	— 2	— 1	— 4	— 7	— 3	— 6	— 7	— 8	+ 6	— 4	— 3
Rajahmundry . .	— 4	— 2	— 5	— 1	— 1	—14	— 9	— 9	— 7	—18	+ 1	—10	— 7
Masulipatam . .	+ 7	+ 4	+ 4	+ 1	+ 7	+ 1	— 3	— 9	— 6	—12	0	—11	— 1
Secunderabad . .	+ 6	+ 3	+ 4	+ 4	+ 9	0	— 1	— 1	—10	—14	+ 6	— 7	0
Kurnool	— 9	—11	—13	—10	— 8	—14	—13	—15	—11	—24	?	?	?
Bellary	0	— 1	— 3	+ 3	+ 4	— 2	— 1	— 1	+ 1	—13	+ 7	— 4	— 1
Mangalore . . .	+ 1	+ 3	+ 1	0	+ 2	+ 2	— 2	+ 1	— 2	— 3	— 2	— 5	— 1
Mercara	+ 1	+ 1	—23	+ 1	— 3	— 4	— 3	0	— 8	—11	?	?	?
Bangalore . . .	+ 7	+ 5	+ 5	+ 1	— 1	— 3	— 3	0	— 2	— 3	— 1	— 7	0
Cuddapah . . .	+ 1	— 2	— 3	0	— 3	— 9	— 4	— 9	— 5	—10	— 1	— 8	— 4
Madras	+ 6	+ 5	+ 3	+ 6	+ 9	+ 5	+ 8	+ 4	+ 5	+ 5	+ 4	+ 3	+ 5
Salem	+ 3	+ 1	+ 6	+ 6	+ 1	+ 3	+ 3	— 1	— 2	— 3	?	?	?
Wellington . . .	+ 8	+ 1	— 2	— 6	+ 3	— 5	— 7	— 6	0	— 5	— 4	— 6	— 2
Coimbatore . . .	+ 4	?	—13	?	?	?	?	?	?	?	?	?	?
Trichinopoly . .	+ 3	+ 4	+ 2	+ 2	+ 2	— 4	— 9	—11	— 6	— 4	— 4	— 4	— 2
Negapatam . . .	+ 3	+ 2	0	0	+ 4	— 2	+ 1	— 3	0	+ 2	+ 2	— 1	0
Madura	+ 1	+ 1	— 2	— 5	— 3	—10	—11	—12	— 7	— 8	0	0	— 5
Cochin	+ 1	— 1	0	— 1	0	0	— 2	— 1	— 1	— 3	— 2	— 5	— 1
Colombo . . .	— 1	— 1	— 3	+ 2	— 1	0	— 4	— 2	— 3	— 2	+ 2	+ 2	— 1
Jaffna	— 2	— 1	+ 2	+ 6	+ 1	+ 2	+ 4	+ 8	+ 5	+ 5	+ 6	+ 4	+ 3
Trincomalee . .	— 1	0	+ 1	+ 7	+11	+ 7	+ 6	+ 2	+ 1	+ 6	+ 7	+ 3	+ 4
Batticaloa . . .	+ 1	+ 4	+ 4	+ 6	+ 6	+ 3	+ 3	+ 4	+ 7	+ 9	+ 4	+ 4	+ 5

TABLE XXIV.—*Comparison of the monthly mean relative humidity data of 1888 with the averages of Table XXII*—concluded.

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Hambantota . . .	—12	—14	— 8	— 5	— 6	— 4	— 6	— 7	—10	— 4	— 1	— 6	— 7
Galle	+ 1	+ 2	+ 3	+ 6	+ 3	0	0	+ 2	+ 1	+ 1	+ 1	+ 2	+ 2
Kandy	+ 1	+ 5	+13	— 1	0	+ 2	+ 1	— 2	— 3	— 2	— 2	+ 2	+ 1
Newera Eliya . . .	— 8	—18	+ 1	+ 3	+ 7	+ 8	— 2	0	+ 7	?	?	?	?
Akyab	— 8	+ 3	— 6	— 5	— 2	— 2	— 2	— 1	— 3	— 5	— 5	— 6	— 4
Thayetmyo . . .	— 2	0	— 3	— 2	+ 1	— 1	— 3	0	0	— 2	— 6	— 6	— 2
Toungoo . . .	— 3	+ 2	— 4	— 4	— 6	— 1	— 3	— 4	— 7	— 7	— 7	— 8	— 6
Bassein	— 3	— 2	— 4	— 3	+ 2	+ 1	+ 1	0	— 1	— 2	+ 1	— 2	— 1
Diamond Island . .	— 1	+ 3	+ 2	0	+ 8	+ 5	+ 1	+ 2	+ 1	0	+ 1	— 3	+ 1
Rangoon . . .	— 1	+ 3	— 3	— 2	— 1	0	0	0	— 1	— 2	+ 2	— 3	— 1
Moulmein . . .	+ 1	+ 6	— 2	+ 1	+ 4	+ 1	+ 3	+ 2	— 3	+ 2	?	+ 5	?
Mergui	+ 1	+ 1	+ 2	— 1	0	+ 2	— 1	0	— 2	— 4	0	+ 1	0
Port Blair . . .	— 2	— 3	— 4	— 3	— 1	0	— 5	— 5	— 1	— 5	0	— 3	— 3
Nancowry . . .	— 3	— 2	0	— 2	+ 1	0	— 4	0	+ 5	+ 1	+ 4	?	?

TABLE XXV.—*Geographical summary of the differences of Table XXIII.*

	Number of Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
N. W. Himalaya .	7	—·019	+·011	+·008	—·019	—·034	—·077	+·007	+·006	—·012	—·011	+·022	+·002	—·010
Sikkim Himalaya .	2—3	—·005	+·012	+·029	+·011	—·011	—·024	0	+·007	—·010	—·009	—·017	—·011	—·002
Punjab Plains .	8—9	—·029	+·031	+·026	—·011	—·043	—·072	+·007	+·016	—·052	—·001	+·047	—·003	—·007
Gangetic Plains .	9—11	—·027	+·015	—·009	—·020	—·025	—·105	+·027	+·022	+·007	—·036	+·032	—·023	—·012
Western Rajputana, &c., &c.	8	—·010	+·053	+·028	+·031	—·085	—·031	—·036	—·023	—·074	—·034	+·013	—·026	—·016
Eastern Rajputana &c., &c.	8—9	—·003	+·080	+·033	+·007	—·057	—·017	+·023	+·031	—·023	—·032	+·059	—·018	+·007
Nerbudda Valley .	3	+·023	+·075	+·020	—·002	—·040	—·011	0	—·003	—·025	—·073	+·043	—·071	—·005
South Behar and Chutia Nagpur.	2	—·005	+·025	+·009	—·003	—·049	—·118	—·002	—·002	—·017	—·034	+·065	—·011	—·012
Lower Bengal .	6	—·044	—·011	—·001	+·009	+·019	+·008	+·001	+·003	—·006	—·047	+·031	—·030	—·006
Assam and Cachar	3	—·008	+·014	+·046	—·007	+·010	—·002	+·005	+·014	+·012	—·020	+·005	—·016	+·004
Orissa and Sambalpur.	2—3	—·018	+·043	—·009	—·045	—·027	—·037	—·012	—·010	—·016	—·085	+·060	—·049	—·017
Central Provinces South and Berar.	9—10	+·014	+·039	—·008	—·035	—·073	0	+·002	—·006	—·021	—·095	+·068	—·060	—·015

TABLE XXV.—*Geographical summary of the differences of Table XXIII*—concluded.

	Number of Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Konkan . .	3—4	+·029	+·037	+·024	+·007	—·016	+·007	+·005	—·006	—·005	—·003	+·057	—·024	—·009
Malabar Coast .	2	+·015	+·009	+·002	—·001	—·010	—·004	+·019	+·008	+·009	+·019	+·008	—·027	+·004
Deccan, Hyderabad and Mysore.	7—9	+·034	+·018	—·007	+·005	—·018	+·008	+·006	—·004	0	—·063	+·077	— 033	+·002
East Coast and Carnatic.	8—10	+·023	+·024	+·012	+·044	+·013	—·001	—·010	—·030	—·001	—·028	+·040	—·031	+·005
Ceylon . .	7	—·032	—·021	+·026	+·023	—·011	—·013	—·010	—·009	—·009	+·010	+·011	—·013	—·004
Arakan and Pegu .	7	+·009	+·026	—·005	+·001	+·020	+·008	—·009	—·011	+·008	—·025	+·004	—·039	—·001
Tenasserim . .	2	—·034	—·012	—·018	+·011	—·014	—·012	—·018	—·032	—·012	—·021	+·020	+·010	—·011
Bay Islands . .	1—2	—·051	—·036	—·028	—·011	—·016	—·020	—·006	—·002	+·010	—·006	+·026	+·021	—·010
Extra Tropical India	...	—·013	+·032	+·011	—·004	—·031	—·044	+·002	+·006	—·020	—·035	+·033	—·023	—·007
Tropical India .	...	0	+·009	0	+·005	—·014	—·003	—·002	—·010	—·002	—·024	+·035	—·022	—·004

TABLE XXVI.—*Geographical summary of the differences of Table XXIV.*

	Number of Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
N. W. Himalaya .	7	—1	+4	—3	—6	—7	—10	+1	+1	—1	—1	+9	—1	0
Sikkim Himalaya .	2—3	0	+2	+3	+2	—3	—4	0	—2	—2	0	—4	—3	0
Punjab Plains .	8—9	—1	+8	—2	—5	—8	—6	0	+4	+4	+2	+5	+1	0
Gangetic Plains .	9—11	0	+1	—3	—3	—4	—10	+5	+4	+4	—3	+3	—3	—1
Western Rajputana, &c., &c.	8	+1	+9	+2	+2	—6	—2	—4	0	—7	—2	+1	—4	—1
Eastern Rajputana, &c., &c.	8—9	+5	+12	+2	—1	—6	—4	+2	+8	—3	—2	+8	—2	+2
Nerbudda Valley .	3	+8	+9	+2	0	—3	—5	+1	+3	—4	—8	+1	—9	0
South Behar and Chutia Nagpur.	2	+5	+3	—2	+1	—4	—16	+1	+2	—1	—4	+7	+1	—1
Lower Bengal .	6	—2	+1	0	+2	—1	—5	+1	+2	—1	—4	+5	—1	0
Assam and Cachar	3	—2	0	+4	+3	+2	+1	+2	0	—1	—4	+1	—2	0
Orissa and Sambalpur.	2—3	—2	—1	—4	—4	—7	—10	—2	+2	—4	—8	+3	—6	—4
Central Provinces South and Berar.	9—10	+7	—5	—1	—5	—6	—3	+1	+1	—5	—11	+6	—8	—2
Konkan.	3—4	+4	+4	+1	+1	+1	+1	—1	+1	—3	—4	+3	—4	0
Malabar Coast .	2	+1	+1	+1	—1	+1	+1	0	0	—2	—3	—2	—5	—1
Deccan, Hyderabad and Mysore.	7—9	+5	+2	—3	0	—1	—2	—1	—2	—4	—11	+5	—6	—2
East Coast and Carnatic.	8—10	+2	+1	—1	+1	+1	—4	—3	—6	—4	—6	+1	+4	—1
Ceylon . .	7	—2	—1	+2	+3	+2	+1	+1	+1	0	+2	+2	+2	+1
Arakan and Pegu .	7	—3	+2	—2	—2	+1	+1	0	0	—1	—3	—2	—4	—1

TABLE XXVI.—*Geographical summary of the differences of Table XXIV* —concluded.

Provinces.	Number of stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Tenasserim . .	1—2	+1	+4	0	0	+2	+2	+1	+1	—3	—1	0	+3	+1
Bay Islands . .	1—2	—3	—3	—2	—3	0	0	—5	—3	+2	—2	+2	—3	—2
Extra Tropical India	...	+1	+5	0	—1	—4	—6	0	+2	—1	—3	+4	—3	—1
Tropical India .	...	+1	+1	—1	—1	0	0	—1	—1	—2	—4	+2	—2	—1

January.—The humidity of the air was on the average of the month either normal or in excess over the whole of India, except Bengal, Assam, Orissa and Burmah. The excess was greater than 9 at Hoshangabad, Rajkot, Akola, Indore, Mount Abu, Malegaon and Poona, in which it ranged from 10 to 16. The increased humidity was hence slightly more pronounced in North-Western India than elsewhere. The aqueous vapour pressure and hence the amount of vapour was in slight deficiency over the whole of Northern India almost without exception, so that the increased humidity in that area was due solely to decreased temperature. The amount of vapour was on the other hand in slight excess over the greater part of the Peninsula.

February.—The air was damper in all districts except Ceylon, Orissa, and some parts of the Central Provinces. The increased humidity was mainly due to a larger amount of vapour in the air than usual, and not to decreased temperature. The positive variations of the relative humidity from the normal were greatest in Sind, Kathiawar, Cutch, Rajputana, the Punjab, and the western districts of the North-Western Provinces, where they generally exceeded 10, and were absolutely greatest at the following stations:—

Stations.	Variation of mean relative humidity of month from normal value.	Stations.	Variation of mean relative humidity of month from normal value.
Neemuch	+21	Mount Abu	+15
Rajkot	+18	Indore	+16
Pachpadra	+16	Sambhar	+20
Jacobabad	+16	Bhuj	+14

March—Was somewhat drier than usual, but the variations from the normal state were smaller than during either of the two previous months. The only areas for which the humidity of the month was slightly in excess were Assam, Rajputana, Ceylon, and the Malabar and Konkan Coast districts.

April.—This month was very dry over the greater part of Northern India, including the Punjab, North-Western Provinces, the Central Provinces and Berar. The deficiency in the relative humidity exceeded 10 at Ludhiana (17), Dera Ismail Khan and Raipur (each 14), and at the hill stations of Simla, Chakrata and Ranikhet and at Sambalpur (each 11). There was on the other hand a much greater amount of vapour in the air which gave increased humidity in Sind, Cutch, Kathiawar, Rajputana and Central India generally, and locally in some parts of the Deccan and Southern India. The relative humidity was 12 above the average at Rajkot, 9 at Neemuch and Pachpadra, and 8 at Deesa.

May—Was an abnormally dry month over the whole of Northern India. The dryness was most marked in Upper India, and was as great at the hill as at the adjacent plain stations. The following table gives the variations exceeding 10 per cent., and shows the areas in which this feature of excessive dryness was most strongly exhibited :—

Ludhiana	—18	Buldana	—11
Rawalpindi	—11	Seoni	—11
Dera Ismail Khan	—11	Chakrata	—13
Raipur	—11	Murree	—12
Jacobabad	—14	Simla	—12

June.—The humidity conditions of this month were practically normal over the Peninsula and Burmah. In consequence of the prolonged delay in the advance of the monsoon current from the north of the Bay into Bengal, the air was abnormally dry until nearly the end of the month over the whole of Northern India, except the coast districts of Bengal and Orissa. The deficiency in the mean aqueous vapour pressure for the month averaged ·120" in Behar, and in the relative humidity 16, and in the North-Western Provinces the same elements were in defect by amounts averaging ·105" and 10 respectively. The mean relative humidity of the month was 15 or upwards below the normal at the following stations:—

Benares	—15	Pithoragarh	—17
Ghazipur	—15	Chakrata	—16
Hazaribagh	—26	Ranikhet	—16
Cuttack	—16		

The unusual dryness of the air was hence most marked at the hill stations of the North-Western Provinces and over the Chutia Nagpur plateau.

July.—The rains set in generally over the whole of Northern India during the last week of the preceding month. The chief features were abundant rain over the greater part of Northern India, East Rajputana and Central India, and moderately deficient rain in the Central Provinces and the greater part of the Deccan, and very deficient rain in Guzerat, Kathiawar and West Rajputana. The air was slightly damper than usual over the greater part of India. The mean humidity for the month was 4 below the average in Western Rajputana, 2 in Orissa, 1 in the Deccan, and 3 in the Carnatic. The variations were less than 10, except in the following cases:—

Dera Ismail Khan	—12	Kurnool	—13
Bickaneer	—15	Madura	—11

These figures are probably correct although they represent local abnormal dryness of the air. The result of careless observation or neglect of the instruments used to measure the humidity of the air is usually to increase the apparent humidity of the air, and very low humidities are only observed by observers who look after their instruments properly.

August.—The relative humidity of the month was above the average in all districts, except the Deccan and Carnatic. This was due, as in the previous month, to somewhat stronger monsoon currents, more especially in Northern India, and hence to slightly increased vapour pressure. The increased humidity was most marked at Jeypore, Neemuch, Nowgong, Ajmere and Sambhar in Rajputana and Central India and at Lahore, Delhi, Meerut, and Jhansi. The month was unusually dry in Southern India, and the relative humidity was more than 10 below the average at Madura (—12), Trichinopoly (—11), and Kurnool (—15).

September—Was an unusually dry month in Upper and North-Western India in consequence of the early retreat of the Bombay monsoon current. The mean humidity of the month was below the normal in all districts except the North-Western Provinces (where the increased humidity was due to excessive rain in the previous months) and the Punjab, where temperature was considerably below the normal, and thus, although there was less vapour in the air than usual, the humidity continued above the normal. The deficiency in the humidity was greatest in the areas of deficient rainfall during the previous three months, *viz.*, West Rajputana (—7), the Central Provinces and Berar (—5) and Orissa, the Deccan including Hyderabad and Carnatic each (—4), and was absolutely greatest at the following stations: Deesa (—15), Bickaneer (—14), Mount Abu (—9), Dera Ismail Khan, Murree and Rawalpindi each (—12), Secunderabad (—10) and Kurnool (—11).

October—Was remarkable for its dryness over the whole of India. The Bombay current had withdrawn from North-Western India in the third week of September. The Bengal current was very weak in October, and gave showers in Bengal during the first week and then retreated. The setting in of the north-east monsoon on the Coromandel Coast (which usually follows very shortly after the retreat of the south-west monsoon current from Bengal) was delayed until the end of the third week of the month. Hence fine clear weather prevailed to an unusual extent. The mean aqueous vapour pressure was ·035″ below the normal in extra-tropical India and ·024″ in tropical India. The deficiency in the humidity of the air was on the whole most marked in the large areas of deficient rainfall during the previous four months, *viz.*, the Central Provinces and Berar (—11), the Deccan (including Hyderabad) and Mysore (—11), and Orissa (—8). It was greatest at the stations named below:—

Kurnool	—24	Raipur	—18
Rajahmundry	—18	Buldana	—16
Secunderabad	—14	Amraoti	—12
Bellary	—13	Masulipatam	—12
Malegaon	—13		

November.—The weather in this month was unusually disturbed. It is generally characterized in Northern India by fine clear weather and light winds. In November 1888 the air was damper in all districts, and favourable rain fell not only in nearly every part of the Peninsula, but also over the greater part of North-Western and Central India, and the air was abnormally damp during the greater part of the month. Hence the mean aqueous vapour pressure was ·035″ above the normal in tropical India and ·033″ in extra-tropical India. The variations in the humidity were equally large and were greatest in the North-West Himalaya (+9), East Rajputana (+8), Behar and Chutia Nagpur (+7), the Central Provinces (+6), and the Deccan and Bengal (+5). Amongst the more noteworthy local variations were —

Rawalpindi	+11	Seoni	+14
Murree	+10	Neemuch	+15
Simla	+10	Ajmere	+14
Lahore	+10	Sambhar	+13
Ranikhet	+11	Jeypore	+10
Sirsa	+10	Rajkot	+19
Meerut	+11	Surat	+12
Delhi	+11		

December.—The humidity features of this month were opposite in character to those of the preceding month. This was due in part to the early conclusion of the late or retreating south-west monsoon rains in Southern India, and to the delay in the commencement of the cold weather rains in Northern India until the third week of January 1889. The mean humidity of the month was below the average except in the Punjab (+1), Behar (+1), and in the Carnatic (+4), Ceylon (+2), and Tenasserim (+3). The deficiency was greatest in the Central Provinces (—8) and in Orissa andthe Deccan (—6), and was most marked at the following stations :—

Malegaon	—13	Ghazipur	—14
Masulipatam	—11	Chikalda	—10
Rajahmundry	—10	Deesa	—12
Simla	—10	Pachmarhi	—10
Raipur	—16	Hoshangabad	—10
Khandwa	—12	Buldana	—14

The decreased humidity at this time was most strongly shown in the Central Provinces, Khandeish, the Circars, and at the hill stations in Upper India.

The mean humidity of the year was either normal or below it over the whole of India, except Eastern Rajputana, Ceylon and Tenasserim. The deficiency was greatest in Orissa (—4), the Central Provinces and Berar (—2), and the Deccan (—2), and was associated with deficient rainfall, more especially in the south-west monsoon period.

January and February were damper months than usual over the whole of India. February was abnormally damp, more especially in North-Western India. The humidity conditions were approximately normal in March over the whole of India. April, May and June were very dry in Northern India. The deficiency in the humidity in June 1888 was greater in the Gangetic plain than has been experienced for many years in that month. The variations for the whole of India during the next three months were not very large, increased humidity in the areas of excessive rainfall counterbalancing deficient humidity in the areas of defective rainfall. September and October were much drier months than usual in consequence of the early retreat of both monsoon currents. November, on the other hand, was much damper than usual, partly in consequence of the weather being very unsettled and partly in consequence of a storm during the first and second weeks of the month which gave abnormal general rain in Northern and North-Western India. December was somewhat drier than usual.

The averages of all the anomalies (excluding certain doubtful cases) in the columns of Table XXIII give the following results :—

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Number of Stations	115	115	116	115	115	114	114	115	114	115	111	110	114
Variation	—·005	+·025	+·010	+·001	—·027	—·026	+·001	0	—·014	—·033	+·037	—·025	—·005

The annual anomalies of the past fourteen years are given for comparison :—

	1875.	1876.	1877.	1878.	1879.	1880.	1881.	1882.	1883	1884.	1885.	1886.	1887	1888.
Number of Stations	36	48	67	71	66	102	93	108	110	112	112	118	121	114
Anomalies	—·004	—·017	+·011	+·020	—·014	—·004	+·001	—·008	—·013	—·012	+·001	+·008	—·012	—·005

CLOUD PROPORTION.

The proportion of cloud is estimated, in the usual way, in tenths of the sky expanse, an overcast sky being denoted by 10, and a cloudless sky by 0. From the nature of the observations, it follows that the estimated amounts at different stations are affected, to some extent, by the personal equation of the observer; and some of the differences to be observed in the tables are mainly attributable to this cause. On the whole, the observations are fairly accordant, and the average result of a number of stations, similarly situated, may be accepted with considerable confidence as indicating the variations of cloudiness in different months, or in different parts of the country.

Table XIII (Appendix) gives the monthly means of the observations of stations for the hours of observation (except in the case of the Ceylon stations), and also of the daily averages of these. At the large majority of the stations, the hours are 10h. and 16h. only (10 A.M. and 4 P.M.), but at Calcutta, Bombay, Allahabad, Leh, Jeypore, Lahore, Chamba, Vizagapatam, and Saugor Island, the observations are recorded four times daily, *viz.*, in the case of the four first mentioned stations at the hours 6 A.M. and 10 P.M., and the remaining stations at 4 A.M. and 10 P.M. in addition to 10 A.M. and 4 P.M. At certain Madras stations 10 P.M. is substituted for 4 P.M. The figures in the column of means have been calculated in the same manner as in previous years.

Table XXVII below gives the averages, similarly obtained from the observations of several years at 132 stations, being in no case taken from less than 3 years' observations. Tables XXVIII and XXIX show the differences for the year 1888, in excess or defect of these averages, first at the individual stations, and second, as summarized for the geographical divisions adopted in previous sections of this report :—

TABLE XXVII.—*Average proportion of clouded sky in each month deduced from the registers of past years.*

Stations.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Aden . . .	4—6	4·18	4·45	3·80	3·05	2·09	1·51	3·08	1·99	2·14	2·02	2·40	5·18	2·99
Amini Divi . .	3—6	4·38	2·45	3·48	3·84	5·15	7·78	7·84	7·27	6·72	6·97	5·91	5·03	5·57
Quetta . .	9	4·37	4·32	4·50	3·63	1·89	1·04	1·62	1·47	0·53	0·41	0·82	2·97	2·30
Leh . . .	14	6·52	6·71	6·48	6·30	6·41	5·06	5·05	5·11	3·93	3·89	3·85	5·35	5·39
Mooltan . .	16	2·75	2·66	2·49	1·67	1·25	1·02	2·25	2·14	1·02	0·32	0·72	1·81	1·68
Dera Ismail Khan	16	3·23	2·92	3·19	2·81	1·71	1·50	2·27	1·92	0·95	0·54	1·33	2·26	2·05
Peshawar . .	11—12	4·71	4·17	4·79	4·52	2·81	2·08	2·59	2·76	1·71	1·40	1·81	3·35	3·06
Murree . .	16	5·83	5·43	6·07	5·37	4·22	3·72	6·33	6·29	3·41	2·09	2·75	4·46	4·66
Rawal Pindi . .	16	4·41	4·12	4·26	3·58	2·59	2·02	3·87	3·61	1·90	1·15	1·71	2·98	3·02
Sialkot . .	16	4·72	4·27	4·53	3·77	2·80	2·45	4·93	4·74	2·50	1·11	1·86	3·21	3·41
Lahore . .	16	3·34	3·41	3·18	2·47	2·27	3·02	4·32	3·61	1·56	0·77	1·13	2·01	2·59

TABLE XXVII.—*Average proportion of clouded sky in each month deduced from the registers of past years*—continued.

Stations.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Ludhiana . .	16	3·94	3·70	3·84	2·83	2·17	3·04	5·85	5·36	2·72	0·87	1·31	2·74	3·20
Chamba . .	3—4	6·57	5·07	5·51	4·64	4·36	4·45	6·67	7·15	3·10	2·04	1·54	3·70	4·57
Kailang . .	4—5	6·91	6·02	6·53	5·69	5·89	5·82	6·08	6·38	4·70	3·87	3·16	4·92	5·50
Simla . . .	7—8	5·56	4·99	5·08	4·15	4·05	6·01	8·71	8·71	5·59	1·38	1·48	3·58	4·94
Delhi . . .	13—14	3·68	3·00	3·26	2·56	2·18	3·67	6·21	6·04	3·46	0·87	0·71	1·90	3·13
Sirsa . . .	11—12	3·95	3·82	4·07	3·44	2·90	3·60	5·61	5·42	2·75	0·98	1·10	2·59	3·35
Chakrata . .	16—17	4·78	4·77	4·24	3·58	3·71	5·08	8·73	8·70	6·43	1·83	1·48	3·29	4·72
Dehra . . .	16—17	4·16	3·96	3·61	2·85	2·89	4·21	7·71	7·53	4·69	1·06	1·08	2·45	3·85
Roorkee . .	16—17	3·44	3·31	2·54	2·14	1·77	3·16	6·47	6·29	3·99	0·83	0·79	2·15	3·07
Ranikhet . .	16—17	4·07	4·39	3·89	3·23	3·70	5·51	8·70	8·55	5·91	1·58	1·16	2·47	4·43
Pithoragarh . .	6—7	4·63	3·70	3·88	3·25	4·27	5·83	7·52	7·80	5·58	2·19	1·38	2·34	4·36
Meerut . .	15—17	3·17	2·63	2·63	2·03	1·84	3·15	6·75	6·42	3·86	0·68	0·58	1·74	2·96
Bareilly . .	16—17	3·00	2·73	2·57	1·62	1·74	3·67	6·76	6·75	4·16	0·87	0·57	1·67	3·01
Agra . . .	16—17	2·18	2·28	2·05	1·43	1·29	3·57	6·54	6·45	3·81	0·90	0·51	1·39	2·70
Lucknow . .	16—17	2·78	2·94	2·78	1·97	1·98	4·63	7·66	7·46	5·35	1·71	0·89	1·84	3·50
Gorakhpur . .	15—17	1·56	1·72	1·49	1·03	1·75	3·89	5·39	5·40	4·30	1·79	0·69	1·01	2·50
Jhansi . . .	19—20	2·24	1·87	1·68	1·30	1·89	4·58	6·17	8·82	5·06	1·10	0·46	1·33	3·04
Allahabad . .	17	1·85	1·96	1·86	1·24	1·62	4·43	7·60	7·38	5·14	1·78	0·91	1·56	3·11
Benares . .	16—17	2·11	2·13	2·07	1·60	1·92	4·91	7·60	7·37	5·45	2·41	1·13	1·61	3·36
Ghazipur . .	5—6	1·90	1·53	1·49	0·81	1·51	4·51	6·74	6·65	5 11	2·55	1·03	1·42	2·94
Katmandu . .	8—9	3·22	3·17	3·82	4·46	5·49	5·74	6·39	6·95	6·15	3·83	1·96	2·96	4·51
Sibsagar . .	14	5·44	5·83	6·25	7·00	7·89	8·43	8·54	8·55	8·06	6·67	4·44	4·31	6·78
Tezpur . .	3	2·95	2·56	3·26	3·34	4·01	5·09	4·69	4·71	4·03	3·22	2·15	2·38	3·53
Dhubri . .	6—7	1·68	1·47	2·25	2·67	4·49	7·05	6·33	7·20	6·38	2·44	1·03	1·17	3·68
Tura . . .	3—4	3·14	2·61	3·08	3·22	5·35	6·96	7·16	7·08	6·66	4·95	3·62	3·67	4·79
Silchar . . .	18—19	2·96	2·98	4·14	5·01	6·08	7·57	7·68	7·69	7·02	4·72	3·16	2·84	5·15
Darjeeling . .	18—19	5·52	5·62	5·12	6·03	7·22	8·65	8·71	8·63	8·08	5·45	4·14	4·10	6·44
Pedong . .	3	6·26	4·64	4·88	5·59	6·95	7·65	6·95	7·94	6·92	5·46	3·50	4·41	5·93
Purneah . .	12—14	1·41	1·18	1·51	1·58	3·47	5·93	7·01	6·93	6·02	3·33	0·92	1·16	3·37
Durbhunga . .	10—12	1·42	1·59	1 51	1·11	2·21	4·84	6·25	6·26	5·66	3·12	0·81	1·15	2·99
Patna . . .	18—19	2·41	2·52	2·86	2·01	2·93	6·19	8·04	8·02	7·03	3·64	1·63	1·96	4·10
Gya . . .	16—18	1·99	2·23	2·17	1·49	2·63	6·50	8·38	8·40	6·94	3·55	1·73	1·85	3·99
Hazaribagh . .	18—19	2·26	2·03	2·45	2·51	3·47	7·34	9·07	8·64	7·76	4·24	2·20	2·03	4·50
Berhampore . .	18—19	2·16	1·97	2·82	3·05	5·38	8·28	8·85	8·76	8·16	4·81	2·47	1·93	4·89

TABLE XXVII.—*Average proportion of clouded sky in each month deduced from the registers of past years*—continued.

STATIONS.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Burdwan	14—15	1·72	1·93	2·27	2·34	4·09	7·33	8·31	8·24	7·37	4·31	2·58	1·95	4·37
Jessore	19	1·76	1·96	2·94	3·50	5·26	7·85	8·46	8·02	7·58	4·77	2·40	1·69	4·68
Dacca	19	1·58	1·83	3·04	3·75	5·34	7·59	7·90	7·75	6·81	4·13	2·01	1·35	4·42
Chittagong	19	1·43	1·75	3·10	3·95	5·14	4·77	7·58	7·37	6·62	4·40	2·72	2·01	4·46
Demagiri	9—11	0·64	0·86	1·45	1·56	2·74	4·63	4·75	4·58	3·54	1·95	1·13	0·80	2·39
Calcutta (*Alipore*)	10—11	1·39	1·89	2·26	2·61	4·49	7·08	8·10	8·09	7·19	4·24	2·45	1·90	4·31
Saugor Island	18—19	1·68	2·03	3·57	4·48	5·51	7·41	7·86	7·48	6·67	4·41	2·59	2·16	4·65
Cuttack	19	1·72	1·81	2·39	2·81	3·97	6·66	7·60	7·15	6·39	4·34	2·46	1·72	4·09
False Point	11—12	2·12	2·69	2·97	3·06	4·50	6·79	7·91	7·62	6·64	4·71	3·44	2·61	4·59
Sambalpur	17	1·40	1·50	1·72	2·20	2·77	5·49	7·03	6·73	5·57	3·01	2·30	1·92	3·47
Raipur	19	1·43	1·26	1·73	2·24	3·33	6·43	8·22	7·72	6·54	3·36	2·07	1·63	3·83
Nagpur	19	2·27	1·90	2·47	3·04	4·08	7·16	8·65	8·31	7·28	4·02	2·55	2·41	4·51
Seoni	17—19	3·59	3·54	3·32	3·60	3·44	4·19	4·87	4·50	3·94	3·90	3·65	3·60	3·85
Jubbulpore	19	2·17	2·13	2·30	2·13	3·24	6·48	8·68	8·20	6·25	2·81	1·66	1·97	4·00
Saugor	16—17	1·54	1·41	1·37	1·36	1·94	4·21	6·38	6·11	4·35	1·70	1·09	1·21	2·72
Pachmarhi	17	2·27	1·92	2·08	2·13	2·81	6·59	8·78	8·51	7·21	3·17	1·95	2·13	4·13
Hoshangabad	17—18	1·81	1·49	1·81	2·08	2·56	5·87	8·10	7·50	5·90	2·44	1·39	1·56	3·54
Khandwa	14—17	1·38	1·38	1·58	1·77	2·38	5·96	7·87	7·36	5·36	2·34	1·57	1·93	3·42
Chanda	17—18	2·04	1·98	2·30	2·84	3·74	7·12	8·64	8·18	7·08	3·82	2·78	2·59	4·43
Sironcha	10—12	1·40	1·46	1·69	2·07	2·79	6·17	7·67	7·21	6·31	3·73	2·74	1·96	3·77
Chikalda	11—12	1·87	1·23	1·85	2·05	2·62	6·63	9·03	8·74	7·30	3·42	2·06	2·12	4·08
Buldana	11—13	2·39	2·03	2·19	2·34	2·87	6·23	8·03	7·60	6·57	4·38	2·65	2·72	4·17
Akola	13	1·32	1·34	1·19	1·38	2·14	6·37	8·54	8·12	6·31	2·85	1·40	1·59	3·55
Amraoti	13	1·91	1·77	1·98	2·26	3·36	6·90	8·53	8·17	7·05	3·90	2·26	2·57	4·22
Makhla	9	2·80	2·76	3·11	3·24	3·81	7·94	9·55	9·30	8·60	4·80	3·24	3·18	5·19
Neemuch	9—11	2·49	2·74	2·25	1·98	2·15	4·98	8·18	7·89	5·54	2·35	0·81	1·87	3·60
Nowgong	10—11	2·84	3·17	2·92	2·22	3·31	5·77	8·53	8·25	5·71	2·86	1·14	1·98	4·06
Sutna	11—12	2·09	2·00	2·00	1·90	2·52	4·85	7·07	6·73	5·11	2·38	1·17	1·53	3·28
Indore	10—11	1·84	1·59	1·84	1·71	2·21	6·33	8·59	8·54	6·72	3·24	1·42	1·78	3·82
Bickaneer	8—11	3·41	3·58	3·51	2·94	2·47	2·76	5·67	5·98	3·43	1·43	0·75	2·29	3·19
Jeypore	7	2·80	2·51	2·71	2·14	2·32	4·29	7·32	6·84	3·71	1·64	0·79	1·83	3·24
Sambhar	7—8	2·65	2·25	2·33	1·43	1·68	3·23	6·76	6·12	3·31	1·18	0·62	1·75	2·78
Ajmere	16—17	2·26	2·25	2·33	1·99	1·70	3·40	6·27	6·12	3·33	0·95	0·82	1·38	2·73
Mount Abu	9—12	2·58	2·75	2·63	2·25	1·85	5·37	8·79	8·56	5·95	2·21	1·12	1·78	3·82

TABLE XXVII.—*Average proportion of clouded sky in each month deduced from the registers of past years*—continued.

Stations.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Pachpadra	7—9	2·22	2·09	2·03	1·50	1·63	2·86	6·19	6·19	3·41	1·24	0·59	1·56	2·63
Jacobabad	9—11	2·64	3·18	3·19	2·76	1·27	0·91	2·20	2·20	0·74	0·37	0·88	1·77	1·84
Hyderabad	9—11	1·77	2·21	1·59	1·09	0·62	1·37	3·06	3·19	1·56	0·42	0·75	1·14	1·56
Kurrachee	12—13	2·57	2·97	3·05	2·07	2·10	4·35	7·17	6·90	4·38	0·97	1·21	1·90	3·30
Bhuj	9—12	1·16	1·35	1·22	0·82	1·12	3·81	6·93	6·68	4·11	1·24	0·55	0·93	2·49
Rajkot	8—11	1·34	1·82	1·60	1·42	1·54	5·30	7·73	7·64	6·11	2·27	1·05	1·28	3·26
Deesa	13	2·16	2·22	2·26	1·58	1·44	4·73	8·06	7·82	5·13	1·75	1·21	1·67	3·34
Surat	10—11	0·95	0·95	1·02	0·95	1·99	5·74	8·19	7·08	6·00	2·76	0·99	1·29	3·16
Malegaon	10—11	1·89	1·41	1·80	2·20	2·32	6·15	8·09	7·80	6·86	3·77	2·13	2·31	3·89
Bombay	41	1·57	1·31	1·75	2·25	4·06	7·89	9·06	8·79	7·46	4·29	2·20	1·81	4·37
Poona	12—13	1·97	1·64	2·31	2·43	3·14	7·48	8·98	8·62	7·87	5·03	2·85	2·77	4·59
Sholapur	10—11	2·20	1·73	2·37	3·29	4·09	7·18	8·22	8·17	8·16	6·17	3·85	3·09	4·79
Ratnagiri	11	0·60	0·44	0·55	0·64	1·76	6·57	7·67	7·19	6·10	3·35	1·20	0·96	3·09
Belgaum	12—13	1·75	1·34	2·01	2·54	3·51	7·76	8·89	8·51	7·62	5·69	3·65	3·00	4·69
Karwar	10	0·92	0·74	1·81	2·26	3·19	7·23	7·64	7·17	6·04	4·71	2·65	1·70	3·84
Gopalpur	6—7	1·11	1·38	1·43	2·18	3·13	5·28	6·81	6·10	5·95	3·80	2·69	2·29	3·51
Vizagapatam	18	1·72	1·40	1·82	2·48	4·13	5·90	6·72	6·30	5·59	4·51	3·27	2·42	3·86
Rajahmundry	3—4	3·55	2·65	3·04	2·80	5·05	5·93	7·06	7·01	6·15	5·96	4·71	4·22	4·84
Masulipatam	17—18	3·27	3·04	3·35	3·73	4·77	6·62	7·02	6·77	6·22	5·66	4·97	4·07	4·96
Secunderabad	15—17	1·74	1·33	1·69	1·95	2·76	5·58	6·96	6·25	5·96	4·29	2·99	2·26	3·65
Kurnool	3—5	1·66	0·63	1·32	1·92	3·42	7·17	7·76	7·21	7·05	6·28	3·38	3·01	4·25
Bellary	17—18	2·33	1·38	2·17	3·06	4·85	7·44	8·08	7·47	7·26	6·43	4·71	3·55	4·89
Mangalore	7—8	1·68	1·32	2·07	2·92	4·72	8·10	8·02	7·54	6·52	5·89	3·96	2·60	4·61
Mercara	7—8	3·04	2·31	3·69	5·26	6·87	9·50	9·80	9·42	8·84	7·86	6·58	5·05	6·52
Bangalore	17—18	2·73	2·15	2·55	3·40	4·42	5·79	6·37	6·25	5·99	5·80	4·94	4·12	4·54
Cuddapah	3—4	3·37	2·13	2·06	1·76	4·06	6·24	7·32	6·67	6·48	6·64	5·55	5·45	4·81
Madras	18	4·07	2·76	2·47	2·88	4·00	8·03	7·07	6·45	6·07	6·22	6·23	5·43	5·14
Salem	18	2·59	1·82	2·12	3·34	4·51	5·67	5·88	5·87	5·36	5·62	4·96	4·03	4·31
Wellington	14—16	3·33	2·58	2·88	4·37	5·69	7·40	7·60	7·38	6·78	7·20	6·95	5·68	5·65
Calicut	6—7	3·88	3·89	4·37	4·87	5·48	6·96	6·85	6·18	5·84	5·76	5·24	4·37	5·31
Coimbatore	18	3·49	2·51	2·97	4·28	5·39	6·55	6·51	6·11	5·67	6·22	6·02	4·99	5·06
Trichinopoly	17—18	4·32	2·93	3·14	4·42	5·66	7·30	7·65	7·75	7·26	7·72	7·27	6·08	5·96
Negapatam	18	4·74	3·74	3·28	3·70	4·45	5·16	5·30	5·41	5·23	5·81	6·46	6·20	4·96
Madura	18	4·01	3·62	3·70	4·34	4·89	5·39	5·28	5·18	4·83	5·35	5·42	5·08	4·76

TABLE XXVII.—*Average proportion of clouded sky in each month deduced from the registers of past years*—concluded.

STATIONS.	Years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Cochin . .	17	2·17	2·21	3·05	3·72	5·75	7·49	7·26	6·24	5·45	5·89	4·69	3·35	4·77
Colombo . .	17—18	4·93	4·01	4·44	5·67	6·86	7·54	6·77	7·02	6·83	6·84	6·18	4·82	5·99
Jaffna . . .	17	4·63	3·10	2·81	3·88	4·26	5·64	5·53	5·65	5·06	5·75	6·46	6·28	4·92
Trincomalee . .	17—18	5·79	4·48	3·99	4·29	5·14	6·09	5·69	5·73	5·61	5·96	6·14	6·45	5·45
Batticaloa . .	17—18	7·15	6·40	5·86	6·04	5·98	6·63	6·67	7·06	6·64	6·69	7·02	7·03	6·60
Hambantota .	18	6·76	6·32	5·91	6·87	7·14	7·76	7·52	7·69	7·32	7·31	7·27	6·79	7·06
Galle . . .	18	5·46	4·71	4·78	5·67	6·46	6·78	6·32	6·32	6·18	6·62	6·23	5·55	5·92
Kandy . .	17—18	5·12	4·36	4·68	5·34	5·75	6·79	6·49	6·47	5·96	6·03	5·91	6·03	5·74
Newera Eliya .	15—18	4·93	3·75	3·79	5·01	5·74	7·86	7·25	7·04	6·52	6·43	5·77	5·55	5·80
Akyab . .	17—19	1·59	1·09	1·96	2·86	5·28	7·00	8·51	7·97	6·89	4·81	3·30	2·47	4·48
Thayetmyo . .	9—10	1·91	1·14	1·25	2·37	5·12	6·71	6·96	6·65	6·08	5·19	3·76	2·78	4·16
Toungoo . .	9—10	1·03	0·74	0·70	1·89	5·22	7·92	8·22	8·28	6·85	4·39	2·97	2·12	4·19
Bassein . .	11	2·24	1·43	1·20	3·12	6·80	8·94	9·15	9·01	8·47	7·03	4·59	3·60	5·47
Diamond Island .	8—10	2·62	2·29	2·56	3·27	5·53	7·73	7·85	7·54	7·09	5·47	4·63	3·41	5·00
Rangoon . .	11—12	2·33	2·21	2·36	3·45	6·71	8·68	8·89	8·89	8·27	6·24	4·60	3·25	5·49
Moulmein . .	8—9	0·61	0·73	0·67	2·11	4·87	7·74	8·07	7·61	5·97	2·86	1·52	1·04	3·65
Mergui . .	9—10	2·59	3·34	4·09	5·46	7·53	9·06	8·96	8·61	8·68	7·20	5·34	2·83	6·14
Port Blair . .	18—19	3·32	2·76	2·93	4·05	6·30	7·08	7·18	6·99	6·90	5·75	4·99	4·43	5·22
Nancowry . .	14—15	5·22	4·84	4·76	5·39	6·81	7·35	6·88	6·77	6·82	6·68	6·53	5·77	6·15

TABLE XXVIII.—*Comparison of the mean cloud proportion in each month of 1888 with the averages of Table XXVII.*

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Aden	−0·44	−0·35	−1·40	−1·09	−0·57	−0·45	−2·74	−1·15	+0·79	−0·83	−0·81	−2·76	−1 06
Amini Divi . . .	−1·17	+0·43	−0·75	+1·76	+2 50	+1·57	+0·36	+1·05	−1·07	+0·18	+0·16	−0·21	+0·40
Quetta	−1·08	−0·29	−1·83	−1·27	−0·18	−0·81	−0·72	−0·92	−0·48	+0·06	+1 23	−1·50	−0·80
Leh	−0·49	−0·26	−1·52	+0·16	−1·55	+0·72	−0·12	−0·91	−1·41	+0·68	+1·04	−0·97	−0·40
Mooltan . . .	+0·43	+0·77	−0·67	−0·30	−1·12	−0·93	−1·86	−0·04	−1·02	+0·22	+0·25	−0·42	−0·40
Dera Ismail Khan . .	+0·70	+1·15	+0·49	+0·74	−0·21	+0·12	−0·23	−0·22	−0·88	+0·95	−0·01	+0·02	+0·24
Peshawar . . .	+0·05	+0·88	+0·62	+0·78	+0·17	+0·24	+0·53	−0·10	−0·99	+1·52	+0·97	+0·09	+0·41

TABLE XXVIII.—*Comparison of the mean cloud proportion in each month of 1888 with the averages of Table XXVII*—continued.

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Murree	+0·18	+1·48	−0·91	+0·96	+0·08	0	−0·34	+0·49	−2·06	+1·38	+0·62	−0·62	+0·12
Rawalpindi	+0·08	+0·38	−0·67	+1·43	+0·33	+0·30	−0·74	+0·92	−1·50	+1·30	+0·28	−0·02	+0·18
Sialkot	−0·23	+0·79	−0·80	+0·77	−0·28	−1·08	−1·78	−0·35	−1·50	+0·65	−0·22	−0·53	−0·38
Lahore	−0 34	+0·66	−0·77	+0·66	+0·81	+1·94	+0·58	+0·02	−1·31	+0·18	−0·15	−0·41	+0·18
Ludhiana	+0·83	+2·07	+0·15	+1·15	−1·52	−1·57	−0·32	+1·64	−0·18	+1·49	+1·79	+0·60	+0·52
Chamba	−1·43	+0·59	−1·12	−1·57	−0·76	−1·19	+0·09	−0·33	−0·47	−0·08	+1·62	+0·91	−0·21
Kailang	−0·73	+1·14	−1·02	+1·05	−0·07	+0·56	+0·79	−0·23	−1·43	−0·74	+1·93	+0·52	+0·18
Simla	−0·54	+1·24	−1·24	+0·23	−1·04	−0·56	+0·12	−0·29	−0·06	+1·08	+2·59	−1·12	+0·02
Delhi	+0·10	+1·26	−0·33	−0·71	+0·67	+0·28	+1·37	+1·03	−0·69	+1·18	+1·16	−1 33	+0·34
Sirsa	+0·46	+0·94	−0·54	+0·15	+0·42	+0 85	+0·17	+0·03	−1·25	+0·86	+0·59	−0·86	+0·16
Chakrata	+0·35	+1·79	−0·53	+0·76	−0 62	−0·81	+0·79	+0·27	−0·06	+0·11	+2·32	−2·51	+0·16
Dehra	+0·02	+0·98	−0·86	−0·36	−1·78	−1·69	+0·76	−0·01	−0·04	+0·89	+1·81	−1·48	−0·12
Roorkee	−0·22	+0·20	−0·82	−0·44	−0·35	−0·83	+0·66	+0·56	−0·67	+0·85	+1·02	−1·50	−0·13
Ranikhet	+0·12	+1·19	−1·26	−0·58	−1·34	−2·51	+0·72	+0·47	+0·19	+0·84	+1·54	−1·44	−0·12
Pithoragarh	−0·43	+2·19	−0·49	+0·17	−0·74	−1·76	+1·27	+0·72	+0·24	+0·87	+1·72	−1·08	+0·24
Meerut	+0·87	+1·40	−0·32	−0·76	−0·45	−1·33	+0·04	−0·11	−0·59	+1·03	+0·54	−1·43	−0·09
Bareilly	+0·86	+1·04	+0·20	+0·45	−0·67	−1·78	+0·84	+0·64	+0·79	+1·10	+0·91	−0·94	+0·30
Agra	+1·90	+1·44	+0·23	−0·74	−0·88	−1·54	−0·60	−0·56	−0·54	−0·04	+0·33	−0·80	−0·15
Lucknow	+1·46	+0·93	−0·29	+0·14	−0·63	−1·05	−0·35	+0·22	+0·40	−0·51	+1·36	−1·18	+0·04
Gorakhpur	+1·03	+0·45	+0·10	+0·38	+0·06	−1·17	−0·64	−0·78	−0·43	−1·08	+0·88	−0·56	−0·13
Jhansi	+0·56	+0·77	+0·55	+0·62	+0·06	−0·66	+1·57	−0·85	−0·84	+0·71	+2·01	−0·63	+0·34
Allahabad	+1·83	+0·22	+0·15	+0·63	−0·37	−0·88	+1·26	+1·29	+0·57	−0·86	+3·55	−0·95	+0·55
Benares	+2·19	+0·76	−0·09	−0·08	−0·75	−2·53	+0·31	+0·74	−0·38	−0·92	+2·25	−1·03	+0·04
Ghazipur	+1·62	+0·79	+0·07	+0·33	−0·41	−2·28	+0·21	+0·02	−0·61	−1·58	+1·19	−0·94	−0 10
Katmandu	+0·43	−0·90	−0·06	−0·10	−0·82	−1·52	−0·07	−2·07	−1·28	−1·07	−0·37	−1·09	−0·77
Sibsagar	−0·73	−1·08	−0·62	−0·28	−1·47	−1·24	−0·15	−0·35	−0·39	−2·38	−0·54	−1·66	−0·91
Tezpur	+0·23	−0·23	−0·03	+1·05	−0·80	−1·99	−1·30	−1·48	−1·19	−0·69	+0·59	−0·09	−0·49
Dhubri	+0·63	−0·03	+0·93	+2·00	+0·72	−0·10	+1·24	+0·45	−0·36	−0·21	+1·87	−0·09	+0·60
Tura	−0·68	−0·43	−0·72	+0·57	−0·30	−1·74	−0·47	+0·15	−0·51	−2·55	−1·05	−1·01	−0·75
Silchar	+1·38	+1·01	+1·28	+2·74	+0·60	+1·11	+1·16	+0·97	+1·18	−0·30	+2·08	−0·02	+1·11
Darjeeling	+0·58	+0·89	+1·57	−0·34	+0·10	−0·31	+0·68	+0·23	+0·46	+0·98	+0·71	?	?
Pedong	−0·27	+0·82	+1·21	−0·56	−0·19	+0·76	−1 75	+0·99	+1·05	−0·64	+0·70	−1·23	+0·07
Purneah	+0·81	−0·09	−0·44	+0·04	−0·74	−3·86	−2·52	−1 85	−1·93	−1·81	+1·08	−0·55	−0·98

TABLE XXVIII.—*Comparison of the mean cloud proportion in each month of 1888 with the averages of Table XXVIII*—continued.

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Durbhunga . . .	+1·18	+0·07	—1·32	—0·16	—1·03	—1 71	+0·06	—0·69	—1·28	—2·02	+0·18	—0·87	—0·62
Patna	+1·88	—0·20	—1·33	—0·7(	—1·46	—2·16	+1·44	+0·35	—0·33	—1·46	+1·82	—1·33	—0·29
Gya	+1·91	+0·22	—0·17	+0·63	+0·63	—1·40	—0·54	—1·17	—1·77	—0 80	+1·98	—0·67	—0·09
Hazaribagh . . .	+1·95	+0·71	+0·57	+0·57	+0·08	—1·81	+0·74	+1·05	+0·19	—0·69	+2·55	—0·95	+0·43
Berhampore . . .	+1·30	—0·25	—0 64	+0·85	+0·35	—1·13	+0·54	+0·42	—1·06	—0·98	+1·7(	—0·68	+0·04
Burdwan . . .	+1·24	—0·16	+0·25	+0·70	+0·23	—2·46	+0·32	+0·73	—0·50	—2·53	+1·18	—0·96	—0·16
Jessore	+1·65	+0·19	+0·66	+0·76	+0 65	—0·90	+0 66	+1·03	0	—1·44	+1·76	—0·65	+0·38
Dacca	+1·13	—0·34	+0·11	+0·88	—1·03	—0 92	—0·43	+0·25	—1·08	—1·50	+1·39	—0·40	—0·15
Chittagong . . .	+0·35	+0·91	+0·63	+1·44	—1·01	+2·70	—0·51	—0·24	—0·18	—1·59	+1·40	—0·17	+0·09
Demagiri . . .	+0·55	+0·45	—0·18	+1·88	—1·12	—0·51	+1 36	+1·60	+0·35	—0·51	+0·66	+0·01	+0·38
Calcutta (*Alipore*) .	+1·50	—0·17	+0·55	+0·89	+0·65	—0·89	+0·25	+0·37	—0·70	—1·74	+1·42	—1·00	+0·11
Saugor Island . .	+0·60	+0·12	—0·37	+0·18	—0·07	—0·37	+0·40	+0·98	—0·65	—0·33	+1·58	—0·77	+0·12
Cuttack	+0·84	+1·07	—0·27	—0·02	+0·15	—1·24	+0·80	+1·37	+0·46	—0·77	+2·06	—0·04	+0·37
False Point . . .	—0·57	+0·51	—0·27	+0·44	—0·35	—0·11	+1·34	+1·16	+0·01	—1·09	+1·51	—0·69	+0·16
Sambalpur . . .	+1·33	+0·45	+0·02	—0·58	—0·51	+0·33	+1·70	+1·77	—0·14	—0·36	+1·35	—0·56	+0·41
Raipur	+1·89	+1·60	+0·80	+0·08	—0·25	+0·31	+1·09	+1·51	+0·06	—0·50	+1·70	—0·11	+0·71
Nagpur	+0·85	+0·57	—0·08	—0·90	—1·79	—0·63	+0·29	+0·71	—1·18	—1·90	+1·57	—1·47	—0·34
Seoni	+0·23	+0·36	+0·46	—0·37	—0·12	+0·53	+1·12	+1·41	+0·86	—0·35	+0·42	—1·11	+0 29
Jubbulpore . . .	+1·04	—0·09	—0·56	—0·58	—0·93	—1·66	+0·14	+0·30	—1·50	—0·76	+0·84	—1·39	—0·44
Saugor	+2·37	+1·83	+1·00	+0·10	+0·16	+1·00	+2·23	+2·76	+0·37	+0·29	+1·49	—0·54	+1·09
Pachmarhi . . .	+1·79	+1·47	+0·44	+1·72	+1·76	+0·27	+0·69	+0·86	—0·84	+0·42	+1·82	—0·52	+0·84
Hoshangabad . .	+1·93	+0·82	+0·59	+0·16	—0·62	—0·33	+0·63	+1·55	—0·46	+0·04	+1·23	—0·89	+0·40
Khandwa . . .	+0·62	—0·18	+0·02	—0·21	—0·98	+0·23	+0·42	+0·88	—0·98	—0·23	+1·77	—1·08	+0·03
Chanda	+0·70	—0·16	—0·17	—0·47	—1·57	—1·18	—0·17	—0·32	—2·18	—1·56	+1·75	—1·46	—0·58
Sironcha	+0·77	+0·34	+0·44	+0·40	+0·13	—0·03	+0·32	+0·69	—1·17	—1·20	+1·58	—0·18	+0·19
Chikalda . . .	+1·90	+1·91	+1·26	+0·80	+0·43	+0·25	+0·51	+0·60	—0·95	+0·16	+2·51	—0·62	+0·77
Buldana	+0·35	—0·20	—0·34	+0·01	—1·44	—1·09	+0·34	+0·63	—1·57	—1·62	+0·64	—1·73	—0·52
Akola	+1·63	—0·08	+0·91	+0·30	+0·05	—1·14	+0·06	+0·22	+0·51	+0·48	+2·47	—1·25	+0·36
Amraoti	+0·54	+0·30	+0·16	—0·29	—1·61	—1·55	+0·13	+0·21	—1·82	—1·11	+1·49	—1·81	—0·46
Makhla	+2·16	+1·92	+1·29	+0·73	—0·54	+0 21	+0·14	+0·56	—0 85	—0·07	+2·31	—1·63	+0·58
Neemuch . . .	+1·11	—0·13	+0·63	+0·06	—0·28	+0·05	+1·18	+0·59	—1·04	+0·32	+2·19	—1·06	+0·31
Nowgong . . .	+1·75	+0·88	—0·02	—0·22	—1·07	—0·83	+0·36	+0·72	—0·88	—1·44	+2·11	—1·32	+0·01
Sutna	+1·35	+0·49	—0·81	—0·73	—0·84	—1·77	+0·17	+0·55	—1·02	—1·12	+1·36	—0·96	—0·30
Indore	+1·25	+1·08	—0·20	—0·65	—1·08	—0·74	+0·94	+0·96	—1·13	—1·35	+1·33	—1·39	—0.09

TABLE XXVIII.—*Comparison of the mean cloud proportion in each month of 1888 with the averages of Table XXVIII*—continued.

STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Bickaneer . . .	+0·18	+0·43	−0·70	−1·03	−1·73	−1·12	−1·51	−0·77	−2·84	+0·12	+0·48	−1·61	−0·88
Jeypore	+0·91	+1·41	−0·27	−0·03	−1·34	−1·89	+0·02	+0·99	−1·49	+0·96	+0·91	−1·15	−0·07
Sambhar . . .	+0·86	+1·36	+0·39	+0·53	−0·76	−0·97	+1·24	+1·59	−1·49	+1·08	+0·58	−1·20	+0·28
Ajmere	+0·78	+0·32	−0·37	−0·42	−0·74	−1·39	+0·36	+0·85	−1·95	+1·00	+0·88	−0·73	−0·12
Mount Abu . . .	+0·65	+0·39	−0·85	−1·12	−1·29	−1·96	−0·14	+0·36	−4·51	−0·21	+1·18	−1·49	−0·78
Pachpadra . . .	+1·13	+1·39	−0·22	−0·66	−0·92	−1·22	−0·12	+0·92	−2·19	+0·57	+0·98	−0·99	−0·12
Jacobabad . . .	+0·56	+1·30	−0·08	−0·44	−0·81	−0·46	0	−0·30	−0·70	−0·08	+0·52	−0·51	−0·08
Hyderabad . . .	+1·48	+1·54	+1·40	+1·87	−0·04	−1·03	−2·49	−2·72	−1·12	+0·71	+0·60	+0·53	+0·12
Kurrachee . . .	+0·71	+0·64	−1·03	−0·36	−1·29	+0·36	+0·01	+0·49	−1·94	+0·02	−0·44	−1·25	−0·34
Bhuj	+0·49	+0·37	−0·48	−0·30	−1·02	−1·82	+0·07	+1·48	−2·18	+0·12	+1·44	−0·72	−0·23
Rajkot	+0·75	−0·10	−0·33	+0·28	−0·80	−0·70	−1·29	−2·04	−3·39	+0·15	+1·45	−0·83	−0·58
Deesa	+1·56	+1·93	+0·43	+0·64	+0·34	−0·52	+0·67	+1·65	−1·59	+0·95	+1·78	−1·05	+0·59
Surat	+1·60	+0·71	+0·34	+0·37	−0·07	+0·38	+1·09	+0·99	−1·81	−0·95	+0·51	−0·58	+0·24
Malegaon . . .	+0·69	+0 87	+0·49	+0·05	−0·96	+0·43	+1·74	+1·73	+0·66	−0·79	+1·79	−0·83	+0·50
Bombay	+0·06	−0·42	−0·28	−0·83	−2·02	−1·56	+0·43	+0·52	−1·73	−2·34	+0·91	−1·07	−0·70
Poona	+0·27	+0·51	+0·14	−0·30	−0·57	−0·77	+0·14	+0·17	−1·32	−1·37	+1·24	−1·46	−0·28
Sholapur . . .	+0·18	−0·11	+0·89	+0·32	+0·01	−0·35	+0·52	+0·17	−0·63	−1·63	+1·39	−1·04	+0·07
Ratnagiri . . .	+0·44	−0·32	−0·10	+0·24	+0·36	−0·46	+0·01	−0·22	−0·81	−1·49	+0·78	+0·14	−0·12
Belgaum . . .	+0·28	−0·23	−0·15	+0·17	+0·18	−0·27	+0·89	+0·54	−1·45	−1·72	+1·04	−0·90	−0·14
Karwar	+0·41	−0·47	−1·00	+0·63	+0·62	+0·61	+0·23	+0·41	−1·99	−1·80	+0·34	−0·78	−0 24
Gopalpur . . .	+0·20	+0·27	−0·31	−0·48	−1·68	−1·06	−0·60	−0·43	−3·40	−1·60	+0·94	−0·74	−0·73
Vizagapatam . . .	+0·30	−0·28	−0·30	+0·40	−0·03	+0·03	+0·69	+0·93	−0·77	−1·30	+1·42	+0·02	+0·11
Rajahmundry . . .	+0·32	+0·38	−0·58	+1·07	+0·23	+0·04	+0·69	+0·54	−0·03	−1·68	+1·02	−0·30	+0·21
Masulipatam . . .	−1·47	−1·48	−1·33	−0·57	−1·12	−0·69	+1·69	+1·25	−0·47	−0·79	+0·70	−0·52	−0·43
Secunderabad . . .	−0·18	−0·48	−0·16	+1·58	+0·56	+0·25	+1·17	+1·56	−1·29	−0·85	+1·90	+0·19	+0·36
Kurnool	−0·52	−0·44	−0·41	+1·03	−0·22	−2·02	+0·11	+0·42	−1·68	−3·32	+0·35	−1·97	−0·77
Bellary	−0·57	−0·84	−0·57	+1·54	−0·48	−0·14	+0·82	+1·37	−0·04	−1·03	+1·64	0	+0·14
Mangalore . . .	−0·50	−0·36	+0·31	+1·14	+0·46	+0·77	+0·53	+0·95	−0·19	+0·64	+0·71	+0·66	+0·43
Mercara	+0·93	−0·12	−1·67	+0·23	−0·35	−0·60	−0·11	+0·31	−1·46	−0·59	+0·24	+0·19	−0·25
Bangalore . . .	−0·18	−1·42	−0·87	+0·18	+0·27	+0·15	+0·57	+0·46	−0·42	−0 36	+0·56	+0·08	−0·09
Cuddapah . . .	−0·92	−1·42	−0·84	+1·15	+0·25	+0·05	+0·20	+0·25	−0·98	−1·95	−0·31	−0·85	−0·51
Madras	−0·63	−0·54	−0 75	+0·06	−0·68	−1·24	+0·28	−0·40	−1·48	−0·46	−0·10	−0·11	−0·66
Salem	−0·59	−0·65	−0·57	+1·59	+1·46	+1·46	+2·15	+1·20	−1·09	−1·22	+0·19	+0·81	+0·40
Wellington . . .	+0·18	−1·11	−0·48	+0·63	+0·86	−0·44	+0·06	+0·72	+0·51	−0·10	−0·40	+0·05	+0·04

TABLE XXVIII.—*Comparison of the mean cloud proportion in each month of 1888, with the averages of Table XXVIII*—concluded.

Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Calicut	−1·20	−1·85	−1·67	−1·21	+0·23	+2·01	+0·99	+1·82	−0·79	+1·12	−0·24	−0·84	−0·22
Coimbatore	+0·55	+0·84	+0·84	+0·54	−0·06	−0·52	+0·15	−0·38	−0·74	−0·72	−0·95	−0·29	−0·06
Trichinopoly	−1·21	−0·81	−0·30	+0·48	−0·77	−1·23	−0·41	−1·42	−2·19	−1·10	−0·47	+0·79	−0·73
Negapatam	−0·18	+0·29	−0·26	+0·99	+1·39	+0·61	+0·67	+0·67	+0·29	+1·21	+0·91	+0·75	+0·61
Madura	−2·75	−3·15	−3·05	−1·25	−1·14	−0·44	+0·51	−0·18	−1·09	−0·35	−0·90	−0·72	−1·24
Cochin	−1·72	−1·13	−0·87	+0·61	−0·14	+0·80	+0·32	+1·22	−1·72	−0·06	−0·49	+0·23	−0·25
Colombo	−3·82	−1·19	−1·27	−0·17	−0·06	+0·26	−0·97	−0·62	−0·83	+0·46	+0·02	+1·88	−0·62
Jaffna	−0·12	+0·19	+0·18	+0·49	+2·14	+0·56	+0·57	+0·05	+0·84	−0·05	+0·64	+1·32	+0·57
Trincomalee	−2·36	−1·12	−0·94	+0·01	+0·06	−1·29	−0·99	−0·93	−1·61	−0·76	+0·46	+1·95	−0·72
Batticaloa	−1·65	−0·57	+0·23	+0·24	−0·48	−0·83	−0·97	−1·26	−1·04	−0·19	−0·62	−0·53	−0·65
Hambantota	−2·14	−1·63	−0·48	−0·54	−0·04	−0·56	−0·92	−1·29	−0·82	−0·01	−0·17	−0·69	−0·80
Galle	−2·90	−1·33	−1·41	−1·30	−0·96	−1·48	−2·92	−2·22	−2·08	−1·22	−2·13	−1·15	−1·79
Kandy	−0·68	−0·81	+0·49	−0·04	+0·55	+1·01	−0·49	−0·07	−0·06	+0·47	+0·69	+0·77	+0·15
Newera Eliya	−2·58	−1·54	−0·18	−1·70	−1·44	−2·06	−5·75	−4·94	−3·92	−3·93	−2·37	−3·25	−2·84
Akyab	−0·17	+1·22	+0·77	+1·42	+0·61	+2·03	+0·88	+1·45	+0·88	−0·95	+1·07	+0·19	+0·79
Thayetmyo	−2·88	−0·04	−0·73	−1·48	−0·06	+1·29	+1·79	+2·04	+0·89	−0·27	+1·64	−0·68	+0·28
Toungoo	+0·54	+0·15	−0·51	−0·43	+0·40	+0·97	+1·23	+0·98	+0·72	+0·76	+1·40	−0·05	+0·53
Bassein	+0·06	−0·12	+0·15	−0·76	+0·91	+0·50	+0·47	+0·75	+0·52	−0·35	+1·63	−0·20	+0·30
Diamond Island	−0·51	−0·39	−1·22	−0·88	−0·33	−0·09	+0·09	+0·08	−1·17	−1·47	−0·71	−1·33	−0·70
Rangoon	−0·11	−1·42	−1·47	−1·24	−0·21	+0·17	+0·08	−0·07	−1·80	−2·11	+0·30	−1·31	−0·80
Moulmein	−0·40	−0·09	−0·38	−0·89	+0·53	+0·85	+0·40	+1·01	−0·70	+0·41	?	−0·65	?
Mergui	−1·27	−0·88	−0·51	−0·56	+0·91	+0·52	+0·43	+0·17	−0·84	−1·03	−0·09	+0·49	−0·24
Port Blair	−0·88	−0·77	−0·88	−0·48	+0·18	+0·40	−0·45	−0·59	−1·20	−1·55	−0·80	−0·54	−0·64
Nancowry	−0·37	−0·50	−1·30	+0·13	+0·40	+0·56	−0·93	+0·41	+1·02	−0·60	+0·17	?	?

TABLE XXIX.—*Geographical Summary of the differences of Table XXVIII.*

	No. of Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
North-Western Himalaya.	8	−0·38	+1·17	−1·01	+0·15	−0·76	−0·69	+0·42	+0·02	−0·63	+0·52	+1·67	−0·79	−0·03
Sikkim Himalaya	2—3	+0·25	+0·27	+0·91	−0·33	−0·30	−0·36	−0·38	−0·28	+0·08	−0·24	+0·35	−1·16	−0·10
Punjab Plains	9	+0·23	+0·99	−0·28	+0·52	−0·08	+0·02	−0·14	+0·33	−1·04	+0·93	+0·52	−0·32	+0·14

TABLE XXIX.—*Geographical Summary of the differences of Table XXVIII*—concluded.

	No. of Stations	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Gangetic Plains	12	+1·15	+0·60	−0·40	−0·14	−0·75	−1·71	+0·11	−0·02	−0·37	−0·40	+1·31	−1·05	−0·14
Western Rajputana, &c., &c.	8	+0·80	+0·81	−0 21	−0·06	−0·83	−0·91	−0·59	−0·23	−2·28	+0·22	+0·88	−0·87	−0·27
Eastern Rajputana, &c., &c.	9	+1·22	+0·89	+0·10	−0·08	−0·65	−0·80	+0·90	+0·91	−1·05	+0·05	+1·43	−1·00	+0·16
Nerbudda Valley	3	+1·20	+0·18	+0·02	−0·21	−0 84	−0·59	+0·40	+0·91	−0·98	−0·32	+1·28	−1·12	−0·01
South Behar and Chutia Nagpur.	2	+1·93	+0·47	+0·20	+0·60	+0·36	−1·61	+0·10	−0·06	−0·79	−0·75	+2·27	−0·81	+0·16
Lower Bengal	6	+1·24	−0·10	+0·09	+0·71	+0·13	−1·11	+0·29	+0·63	−0·67	−1·42	+1·51	−0·74	+0·05
Assam and Cachar	3	+0·43	−0·03	+0·53	+1·49	−0·05	−0·08	+0·75	+0·36	+0·14	−0·96	+1·14	−0·59	+0·26
Orissa and Sambalpur.	4	+0·45	+0·58	−0·21	−0·16	−0·60	−0·52	+0·81	+0·97	−0·77	−0·96	+1·47	−0·51	+0·05
Central Provinces South and Berar.	10	+1·07	+0·61	+0·30	+0·13	−0·44	−0·43	+0·44	+0·65	−0·83	−0·74	+1·60	−1·03	+0·12
Konkan	4	+0·63	−0·13	−0·26	+0·10	−0·28	−0·26	+0·44	+0·43	−1·59	−1·65	+0·64	−0·57	−0·21
Malabar Coast	2	−1·11	−0·75	−0·28	+0·88	+0·16	+0·79	+0·43	+1·09	−0·96	+0·29	+0·11	+0·45	+0·09
Deccan, Hyderabad and Mysore	9	+0·10	−0·25	−0·26	+0·53	−0·17	−0·37	+0·63	+0·75	−0·85	−1·22	+1·13	−0·64	−0·05
East Coast and Carnatic.	10	−0·66	−0·68	−0·72	+0·44	−0·05	−0·19	+0·66	+0·25	−0·86	−0·84	+0·15	+0·04	−0·21
Ceylon	7	−1·95	−0·92	−0·46	−0·20	+0·17	−0·33	−0·96	−0·91	−0·80	−0·19	−0·16	+0·38	−0·53
Arakan and Pegu	7	−0·39	+0·04	−0·34	−0·27	+0·04	+1·08	+0·58	+0·71	−0·02	−0·85	+0·96	−0·51	+0·09
Tenasserim	1—2	−0·84	−0·49	−0·45	−0·74	+0·72	+0·69	+0·42	+0·59	−0·77	−0·31	−0·09	−0·08	−0·11
Bay Islands	1—2	−0·63	−0·64	−1·09	−0·18	+0·29	+0·48	−0·69	−0·09	−0·09	−1·08	−0·32	−0·54	−0·38
Extra-tropical India.	...	+0·77	+0·53	−0·02	+0·23	−0·40	−0·76	+0·13	+0·32	−0·76	−0·30	+1·26	−0·81	−0·02
Tropical India	...	−0·42	−0·36	−0·39	+0·08	+0·05	+0·16	+0·22	+0·39	−0·75	−0·73	+0·45	−0·28	−0·13
Whole of India	...	+0·24	+0·13	−0·19	+0·16	−0·20	−0·35	+0·23	+0·35	−0·76	−0·50	+0·89	−0·57	−0·05

January.—Skies were more clouded than usual in Northern India. The excess in the amount of cloud was greatest in Behar and Chutia Nagpur (1·9), and in Bengal and the North-Western Provinces (1·2). The average excess for the whole of Northern or extra-tropical India (to the north of the Nerbudda) was nearly ·8. There was less cloud than usual over the greater part of the Peninsula, Burma and Pegu, and the deficiency averaged ·4 for tropical India (south of the Nerbudda). The deficiency was very marked in Ceylon, where it was 1·9 or 30 per cent. less than usual.

February.—Similar cloud conditions obtained in this month. The amount of cloud was more or less in excess over the whole of Northern India (except Lower Bengal and Assam) by amounts averaging ·5 for extra-tropical India. The excess in this month was greatest for the North-Western Himalaya (1·2) and the Punjab (1·0). This increase in the amount of cloud relative to the normal in Upper India was due to the unusual frequency of cold-weather depressions and storms during the month. The cloud amount was in defect over the Peninsula and Burma, the deficiency increasing southwards to Ceylon, for which it was ·9, and averaged ·4 for tropical India.

March.—The variations in the cloud amount over Northern India were much smaller

than in the previous month, and the average cloud amount for extra-tropical India was almost identical with the normal. The only noteworthy feature was the excessive cloud in the Sikkim Himalayas (0·9), more especially when compared with the deficiency (1·0) in the North-West Himalayas. The cloud amount was again deficient in Burma and the Peninsula by amounts averaging ·4 as in the two previous months. The deficiency was greatest in this month at the Bay Islands (—1·1) and in the Carnatic (—0·7).

April.—The weather was drier and the skies clearer than usual in Upper India, but were unusually clouded in North-Eastern India, more especially in Assam (where the excess averaged 1·5). There was also a slightly greater amount of cloud in the Peninsula than the normal, but in Burma, as hitherto, skies were more free from cloud than usual (the deficiency averaging ·5).

May.—There was less cloud than usual over the whole of Northern India (excluding Behar, Chutia Nagpur and Lower Bengal, where there was a slight excess) and also over the greater part of the Peninsula. The month was very dry, and the amount of cloud at many stations was very small. The following gives the average amount in some of the more typical cases:—

Ludhiana	0·6	Amraoti	1·6
Dehra	1·1	Jeypore	0·8
Meerut	1·4	Kurrachee	0·7
Nagpur	2·2		

Over the greater part of the interior of Northern India the average cloud amount of the month barely averaged 1. The influence of the approaching south-west monsoon (which was slightly earlier than usual in Southern India) was shown by the slightly increased cloud in Burma, Tenasserim, Ceylon, the Bay Islands and Malabar.

June.—The cloud amount of the month was considerably below the average in consequence of the abnormal delay in the establishment of the monsoon in Northern India (for statement of which see sections on pressure and winds). The deficiency was greatest in the North-Western Provinces (1·7), Behar and Chutia Nagpur (1·6), and Bengal 1·1). The deficiency in Northern India averaged 0·8. The cloud amount was in excess in Burma and the Malabar Coast districts, but was slightly below the average in the Deccan and Carnatic.

July.—During this month skies were slightly more clouded than usual in all districts except the Punjab, Western Rajputana, and Ceylon and at the Bay Islands. The excess was most marked in East Rajputana and the neighbouring districts of the North-Western Provinces, where rainfall was abnormally abundant.

August.—The monsoon currents blew very steadily in this month and brought up cloud and rain under conditions similar to those of the preceding month. The amount of cloud was hence normal or above the average in all districts except Western Rajputana (where the deficiency averaged —0·2) and Ceylon (where it averaged —0·9). The amount of cloud in tropical India averaged 0·4 above the normal and in Northern or extra-tropical India 0·4.

September—Was a drier month than usual in consequence of the early retreat of both currents from Upper India. The Bombay current was especially weak, and gave little cloud and rain after the second week of the month to North-Western India. Hence the amount of cloud was below the average everywhere excepting in Assam and the

Sikkim Himalayas, where it was very slightly in excess. The deficiency was absolutely and relatively greatest in Western Rajputana (—2·3). It was also large in the Konkan (—1·6), Punjab (—1·0), East Rajputana (—1·0), Nerbudda Valley (—1·0), and Malabar Coast (—1·0). The deficiency averaged 0·8 in both tropical and extra-tropical India.

October.—The month of October was, like its predecessor, noteworthy for the deficiency of cloud. Unusually fine weather continued over the whole of India until the end of the third week, when the north-east monsoon commenced in the Coromandel Coast and gave much cloud and rain to Southern India. The deficiency in the amount of cloud was greatest in the Konkan (1·6), Bengal (1·4), the Deccan and Hyderabad (1·2), and Bay Islands (1·1). The weather was somewhat unsettled throughout the month in the Punjab, and two local storms occurred akin in character to the cold-weather storms of February and March. In consequence of these conditions there was more cloud than usual in the Punjab (+0·9), the North-Western Himalaya (+0·5), and Rajputana (+0·1).

November—Was characterized by very unsettled weather, much abnormal rain, and by a greater amount of cloud than usual over nearly the whole of India. The cloud amount averaged 1·3 in excess over Northern or extra-tropical India and ·5 in excess in tropical India. The excess was greatest in Behar and Chutia Nagpur (2·3), North-West Himalayas (1·7), Central Provinces (1·6), Bengal and Orissa (1·5), East Rajputana(1·4) the North-Western Provinces (1·3), and Assam and the Deccan (1·1). The cloud amount was slightly below the average in Ceylon and the Bay Islands.

December—Was a much drier month than usual, and skies were very free from cloud. The deficiency was greatest in certain parts of Northern India, including the Sikkim Himalayas (—1·2), the North-Western Provinces and Nerbudda Valley (—1·1), Eastern Rajputana, and the Central Provinces and Berar (—1·0). The deficiency averaged —0·8 in extra-tropical India and —0·3 in tropical India.

The mean for the whole year showed that there was less cloud than usual over the greater part of India. The deficiency was most marked in Ceylon (0·5), the Bay Islands (0·4), Western Rajputana (0·3), and the Konkan and Carnatic (0·2). There was a slight excess in some parts of Northern India, more especially in Assam (0·3), Behar and Chutia Nagpur (0·2), and the Punjab (0·1).

The variations were of opposite character in extra-tropical and tropical India during four months of the year, *viz*., January, February (when the contrast was very marked), and in May and June, when they were undoubtedly due to the early establishment of the monsoon in Southern India, and its unusually tardy advance into Northern India.

RAINFALL.

In the present report the rainfall of India and its dependencies is represented by 508 stations (1 more than is given in the report for 1887). Fourteen of these furnish two or more independent registers. The rainfall registers of the extra-Indian stations, Aden, Bushire, Baghdad and Singapore, are included. The monthly and annual totals of

these 524 registers are shown in Table XIV, in the Appendix, classified under their respective administrative divisions, according to the following scheme:—

Provinces.	Stations.	Registers.
Asiatic Turkey	1	1
Arabia	1	1
Persia	1	1
Lakhadives	2	2
Beluchistan	2	2
Kashmir	1	1
Punjab	37	44
Rajputana	39	40
Central India States	18	19
North-Western Provinces	46	46
Oudh	12	12
Nepal	1	1
Bengal	85	85
Assam	15	15
Central Provinces	27	27
Berars	9	9
Hyderabad	25	28
Bombay	55	56
Madras	75	78
Mysore and Coorg	9	9
Ceylon	12	12
Burma	31	31
Bay Islands	3	3
Singapore	1	1

The stations, the registers of which are now given for the first time, are Narsingpur in Orissa and Teonthar substituted for Sitlaha in Central India, Chapa for Saragaon in Central Provinces, Alôn for Monylwa and Magwi for Toungdwingy in Burma. In the four latter cases the changes are due to the transfer of the head-quarters.

The map, Plate I, shows the positions of all the stations in India and its dependencies, the registers of which are given in Table XIV (Appendix). The rain-gauges in use in Bengal, Bombay, Madras, the Central Provinces and Berar generally, and at the meteorological observatories in the North-Western Provinces, the Punjab, Burma, and other provinces, are either those of Symon's pattern, 5 inches in diameter, or Glashier's, 8 inches in diameter, and furnished with graduated measure-glasses, into which the collected rain-water is poured. The gauges are placed on the ground with the mouth, in general, about

one foot above the ground level. At the revenue rain-gauge stations in the Punjab and North-Western Provinces other forms of gauge are used, generally Fleming's float-gauge, the mouth of which stands 3 feet above the ground, and the registers of which must generally be regarded as less exact.

At the majority of the stations, as far as is known, the rainfall is measured at 6 P.M. Many stations in Rajputana, Hyderabad, Madras and Burmah are exceptions to this rule, and, at most of these, it appears to be the practice to measure the rainfall at some morning hour, frequently at 6 A.M., and in Madras at noon.

Table XV (Appendix) gives the number of days in 1888 on which rainfall was measured at 508 stations. From this table it appears that the wettest stations were Cherra Poonjee, where rain fell on 201 days, Galle with rain on 180 days, Newera Eliya with rain on 183 days, and Sylhet with 181 rainy days. The least rainy station was Aden, in Arabia, with rainfall on 5 days, giving a total of 0·6 inch. Muzaffargarh and Rhapur, with 6 and 8 rainy days, had 2·25 and 7·92 inches respectively. Leh, with 27 rainy days, had only 2·87 inches. The rainfall of Cherra Poonjee[1] was 418 inches; of Mahableshwar was 279 inches; of Kyoukpyu in Burma was 246 inches; and of Baura Fort, on the Western ghats, was 243 inches. Quantities exceeding 200 inches were also registered at Tavoy and Sandoway (234 inches), Moulmein (204 inches) and Tellicherry (201 inches). The smallest total rainfalls of the year in India were 2·25 at Muzaffargarh, 2·27 inches at Rohri and 2·38 inches at Jacobabad.

The following Table XXX gives the average rainfall, as deduced from the registers of past years, at 498 stations (including two stations at Alipore and two in the town of Bombay), distributed as follows:—

Provinces.	Stations.	Provinces.	Stations.
Arabia	1	Bengal, Behar, and Orissa	85
Persia	1	Assam	15
Lakhadives	1	Central Provinces	27
Beluchistan	3	Berars	9
Kashmir	1	Hyderabad	23
Punjab	37	Bombay, Guzerat, and Sind	53
Rajputana	39	Madras	75
Central India States	18	Mysore and Coorg	9
North-Western Provinces	46	Ceylon	12
Oudh	12	Burma	28
Nepal	1	Bay Islands	2

[1] According to the earlier registers the average rainfall of this station greatly exceeded that deduced from the registers since 1862, and more especially from those since 1870. This is probably to be accounted for by the fact that the rain-gauge has occupied at least four different positions in the station, and, as might be anticipated when regard is had to the very peculiar topography of the place, different parts of the little plateau are very unequally exposed to the rain-bearing currents.

and Table XXXI gives the differences between the rainfalls of each month of 1888 and the corresponding averages of Table XXX.

TABLE XXX.—*Average monthly and annual rainfall of 498 stations in India, Ceylon, &c.*

PROVINCES.	STATIONS.	Number of years.	January.	February.	March	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
ARABIA	Aden	7—8	0·29	0·26	0·51	0·22	0·14	...	0·01	0·35	0·08	...	0·12	0·27	2·25
PERSIA	Bushire	11—12	3·51	3·38	0·72	0·74	...	...	...	...	...	...	1·65	3·89	13·89
LAKHADIVES	Amini Divi	4—7	0·10	0·18	0·59	1·49	3·01	14·52	11·35	10·47	7·55	9·13	2·98	1·60	63·17
BELUCHISTAN	Peshin	4	3·19	1·52	1·78	0·75	0·42	...	0·23	...	...	...	0·28	0·44	8·61
	Kelat	7—10	1·77	1·99	2·05	0·56	0·27	0·05	0·45	0·60	0·01	0·07	0·31	0·34	8·47
	Quetta	11	2·02	1·70	2·05	1·11	0·42	0·10	0·64	0·46	0·19	0·08	0·04	0·39	9·20
KASHMIR	Leh	13	0·24	0·24	0·23	0·12	0·09	0·19	0·43	0·48	0·11	0·36	0·03	0·07	2·59
PUNJAB	Abbottabad	29—30	3·19	3·71	4·26	3·28	3·02	2·80	8·33	9·13	3·15	1·08	0·98	2·08	45·01
	Murree (Obsy.)	14	3·01	3·40	3·40	3·84	3·40	2·38	11·21	13·81	5·50	2·01	1·67	1·16	54·79
	Chamba	4—5	7·71	5·04	3·28	2·34	3·38	2·15	9·25	9·15	1·03	0·41	0·91	2·06	46·71
	Dharmsala	29—30	4·60	4·43	3·97	2·05	2·88	10·04	39·70	38·04	12·18	1·65	0·43	2·32	122·29
	Kailang	5—6	3·68	2·50	3·29	2·94	1·62	1·21	1·06	1·20	1·34	0·58	0·74	0·57	20·73
	Kîlba	6—7	7·84	4·88	7·28	5·26	4·63	2·56	5·60	4·08	5·35	1·63	3·48	1·62	54·18
	Simla (Obsy.)	26—27	3·10	2·63	2·90	2·73	4·36	7·77	19·25	17·98	6·20	1·33	0·40	1·00	69·65
	Peshawar (Obsy.)	30—31	1·55	1·20	1·79	1·86	0·65	0·32	1·66	1·95	0·80	0·22	0·62	0·55	13·17
	Kohat	28—30	1·36	1·23	1·92	1·66	1·35	1·02	3·98	2·80	1·61	0·59	0·77	0·49	18·78
	Bannu	26—27	0·85	0·87	1·41	1·31	0·74	0·96	2·14	2·91	0·73	0·19	0·26	0·33	12·70
	Dera Ismail Khan	26—27	0·45	0·65	0·79	0·71	0·39	0·62	1·85	1·58	0·52	0·12	0·13	0·30	8·11
	Dera Ghazi Khan	26—27	0·40	0·39	0·65	0·34	0·48	0·59	1·95	1·39	0·40	0·06	0·12	0·25	7·02
	Muzaffargarh	28—29	0·30	0·29	0·39	0·35	0·38	0·38	1·28	1·40	0·60	0·09	0·09	0·25	5·80
	Mooltan (Obsy.)	27	0·37	0·30	0·47	0·32	0·44	0·39	2·13	1·24	0·73	0·10	0·07	0·23	6·79
	Jhang	26—27	0·48	0·40	0·78	0·41	0·48	1·00	3·58	1·99	0·69	0·18	0·05	0·31	10·35
	Montgomery	28—29	0·44	0·60	0·48	0·24	0·45	1·21	3·13	2·22	0·95	0·17	0·05	0·22	10·16
	Shahpur	34—35	0·81	1·03	0·92	0·61	0·67	1·10	3·70	3·18	1·71	0·17	0·23	0·35	14·48
	Rawalpindi	30—31	2·35	1·92	1·85	2·24	1·50	1·61	7·74	7·36	3·23	0·59	0·83	1·08	32·30
	Jhelum	27—28	1·62	1·16	1·60	1·00	0·81	1·86	6·81	5·84	2·29	0·55	0·32	0·80	24·66
	Gujrat	26—27	1·80	1·47	2·17	1·18	0·70	2·30	7·78	7·11	2·63	0·54	0·29	0·66	28·63
	Sialkot (Obsy.)	30—31	1·48	1·72	1·81	1·55	1·14	3·03	11·21	9·62	3·06	0·98	0·34	0·79	36·33
	Guzranwala	27	1·20	1·32	1·26	0·80	0·75	1·80	7·79	6·24	2·34	0·58	0·24	0·56	24·88
	Gurdaspur	31—32	1·77	1·62	1·56	0·52	0·80	3·65	9·93	7·79	3·49	0·56	0·18	1·03	32·90
	Dhariwal	4—5	2·73	0·44	1·97	0·26	0·86	2·98	8·89	12·91	1·96	0·22	...	1·00	34·22
	Lahore	29—31	0·69	1·07	1·00	0·55	0·89	1·76	7·10	4·81	2·28	0·54	0·14	0·45	21·28
	Amritsar	28—29	1·10	1·06	0·83	0·58	0·87	2·26	8·17	6·55	2·67	0·49	0·23	0·65	25·46
	Ferozepore	38—39	1·07	0·76	0·73	0·56	0·62	2·29	6·63	5·23	2·43	0·59	0·06	0·47	21·44
	Jullundur	36—37	1·41	1·19	1·22	0·61	0·78	2·39	8·34	7·33	3·42	0·47	0·12	0·60	27·88
	Hoshiarpur	30—32	1·68	1·51	1·44	0·63	0·94	3·27	10·50	9·55	4·28	0·41	0·15	1·14	35·50
	Ludhiana	30—33	1·40	1·14	1·54	0·85	1·15	2·31	9·56	6·83	4·44	1·14	0·10	0·82	31·28
	Umballa	37—39	1·41	1·41	1·02	0·61	0·98	3·91	11·49	8·72	4·79	0·54	0·22	0·64	35·74

TABLE XXX.—*Average monthly and annual rainfall of 498 stations in India, Ceylon, &c.*—continued.

PROVINCES.	STATIONS.	Number of years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
PUNJAB—*contd.*	Sirsa	37—38	0·71	0·31	0·48	0·39	0·62	2·23	3·67	3·70	1·97	0·30	0·03	0·36	14·77
	Hissar	37—38	0·62	0·43	0·57	0·25	0·65	1·96	4·66	4·20	1·85	0·30	0·08	0·44	16·01
	Rohtak	35—37	0·76	0·54	0·60	0·26	0·69	2·87	5·97	5·39	2·88	0·43	0·02	0·47	20·88
	Delhi (Obsy.)	38—40	0·99	0·52	0·72	0·36	0·70	3·32	8·62	7·21	4·62	0·49	0·07	0·35	27·97
	Gurgaon	37—38	0·89	0·31	0·52	0·16	0·72	2·80	8·96	6·97	4·53	0·43	0·02	0·29	26·60
	Karnal	32—33	1·26	1·18	0·89	0·47	1·03	4·15	9·97	6·62	4·12	0·44	0·10	0·40	30·63
RAJPUTANA	Jeysulmere	6	0·28	0·10	0·01	0·03	0·28	0·70	2·38	1·74	0·66	0·01	...	...	6·19
	Phalodi	4—5	0·17	0·16	0·06	0·07	0·27	0·83	2·93	3·01	0·83	...	...	...	8·33
	Bickaneer	11	0·27	0·22	0·11	0·18	1·30	1·90	3·51	3·02	1·22	0·09	0·07	0·02	11·91
	Nagar	5	0·23	0·13	0·03	0·06	0·27	2·31	4·02	5·04	2·94	0·15	...	...	15·18
	Didwana	4—5	0·40	0·06	0·26	0·08	0·35	1·42	6·66	5·75	2·29	0·25	0·10	0·09	17·71
	Jhunjhnu	6	0·55	0·27	0·19	0·14	0·58	3·53	8·86	4·70	2·91	0·38	...	0·21	22·32
	Khetri	3	?	?	?	?	?	?	12·36	6·35	2·15	0·71	...	0·03	?
	Sikar	3—4	?	0·05	0·05	0·17	0·20	1·53	9·46	6·13	0·52	0·68	0·03	0·04	?
	Sri Madhopur	3—4	0·49	0·70	0·34	0·12	0·86	2·72	14·40	7·39	2·25	0·06	...	0·33	29·66
	Ulwur	17	0·42	0·39	0·22	0·09	1·14	3·50	10·19	9·33	5·20	1·07	0·13	0·41	32·09
	Bhurtpore	21	0·39	0·19	0·18	0·13	0·63	1·86	9·04	8·15	4·45	0·48	0·02	0·22	25·74
	Bandikui	4	0·49	0·24	0·23	0·05	0·77	2·47	6·76	9·83	1·80	0·24	0·02	0·39	22·29
	Jeypore	20—22	0·33	0·19	0·17	0·21	0·59	3·05	9·57	7·25	3·11	0·28	0·11	0·38	25·24
	Sambhar	13—14	0·25	0·14	0·24	0·15	0·97	1·49	7·40	6·30	3·60	0·46	0·19	0·35	21·54
	Kerowlee	9	0·44	0·09	0·07	0·05	0·53	3·02	11·93	9·22	5·03	0·21	0·07	0·22	30·88
	Lalsot	6	0·27	0·09	...	...	0·06	2·32	9·44	10·36	2·76	0·44	0·08	0·13	25·95
	Tonk	17	0·14	0·27	0·19	0·07	0·40	2·71	10·05	10·02	2·87	0·73	0·04	0·19	27·68
	Sewai Madhopur	3—4	0·23	0·09	0·06	...	0·33	4·28	13·46	9·85	2·44	0·45	0·04	0·21	31·44
	Deoli	27	0·25	0·19	0·14	0·16	1·03	4·18	11·22	10·76	4·69	0·47	0·13	0·17	33·39
	Kotah	17	0·18	0·26	0·06	0·02	0·99	3·39	9·92	9·60	5·05	0·46	0·04	0·29	30·26
	Jhalrapatan	18	0·20	0·35	0·16	0·01	0·56	4·48	16·42	9·21	5·97	0·65	0·16	0·42	38·59
	Ajmere	26	0·24	0·36	0·35	0·09	0·67	2·41	7·03	7·58	3·19	0·30	0·14	0·25	22·61
	Nusseerabad	23	0·14	0·41	0·09	0·04	0·61	1·68	7·15	6·22	2·94	0·26	0·12	0·25	19·91
	Malpura	6	0·31	0·09	0·12	0·01	0·30	1·12	6·80	10·46	1·92	0·05	0·01	0·09	21·28
	Beawar	32—33	0·23	0·11	0·16	0·10	0·39	2·03	7·58	6·13	2·81	0·20	0·14	0·19	20·07
	Jodhpore	15	0·27	0·24	0·03	0·07	0·56	1·16	3·39	5·58	2·00	0·19	0·04	0·07	13·60
	Pachpadra	8—10	0·41	0·10	0·08	...	0·66	0·70	2·87	3·39	1·90	0·05	...	0·04	10·20
	Jasol	5	0·32	0·10	0·13	...	0·13	1·85	3·60	4·22	1·14	0·03	...	...	11·52
	Barmer	5—6	0·28	0·12	0·11	0·02	0·05	1·09	2·85	1·99	1·23	0·04	0·01	...	7·79
	Pali	5	0·22	0·08	...	...	0·29	2·67	4·23	6·82	1·19	0·14	...	...	15·63
	Shahpoora	16	0·10	0·21	0·15	0·05	0·91	2·97	6·42	7·96	4·30	0·53	0·06	0·18	23·84
	Eriopura	21	0·14	0·27	0·09	0·03	0·41	1·34	5·60	4·95	2·66	0·41	0·07	0·11	16·08
	Sirohee	5	0·21	0·26	...	...	0·48	2·73	8·21	7·43	2·32	...	...	...	21·64
	Mount Abu	29	0·27	0·37	0·14	0·04	0·97	4·91	22·48	23·01	8·47	1·92	0·18	0·22	62·98
	Kotra	19	0·12	0·26	0·01	0·02	0·62	3·00	12·11	9·69	5·44	0·70	0·11	0·11	32·19

TABLE XXX.—*Average monthly and annual rainfall of 498 stations in India, Ceylon, &c.*—continued.

PROVINCES.	STATIONS.	Number of years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
RAJPUTANA—*concld.*	Oodeypore	14—15	0·09	0·19	0·03	0·04	0·50	2·73	8·39	7·83	5·79	0·56	0·09	0·06	26·30
	Partabgarh	8 - 9	0·21	0·08	0·02	...	0·41	4·53	10·41	11·66	5·47	1·11	0·29	0·15	34·34
	Kherwara	31—32	0·09	0·19	0·03	0·02	0·38	3·88	8·71	7·98	4·54	0·62	0·11	0·08	26·63
	Banswara	15—16	0·45	0·17	...	...	0·28	4·68	11·92	11·41	8·82	0·96	0·15	0·36	39·20
	Neemuch (Obsy.)	21—22	0·13	0·15	0·10	0·15	0·50	3·99	10·97	10·75	5·11	0·89	0·07	0·24	33·05
	Sirdarpore	21	0·23	0·23	0·01	0·01	0·19	5·25	10·57	6·42	7·92	1·00	0·22	0·13	32·18
	Agar	20—21	0·28	0·39	0·04	0·07	0·56	4·51	11·26	9·63	7·57	0·55	0·16	0·43	35·45
	Rutlam	21	0·22	0·22	0·01	0·01	0·44	5·46	11·46	10·55	8·33	1·04	0·29	0·12	38·15
	Indore	21	0·34	0·30	0·02	0·11	0·57	6·87	10·52	7·46	7·78	1·19	0·23	0·20	35·59
	Bhopal (Sehore)	21	0·57	0·26	0·05	0·02	0·28	6·42	18·04	12·02	9·13	1·35	0·43	0·56	49·13
	Goona	18	0·35	0·27	0·18	0·07	0·50	6·13	12·11	12·73	6·04	0·64	0·40	0·17	39·59
	Morar	17	0·35	0·30	0·21	0·11	0·47	2·73	11·02	10·76	5·58	0·59	0·01	0·33	32·46
CENTRAL INDIA	Nowgong	20—21	0·58	0·30	0·20	0·09	0·33	4·92	16·05	13·72	6·59	1·08	0·14	0·48	44·48
	Satna	17	0·98	0·50	0·27	0·06	0·33	5·31	16·36	11·89	5·10	1·93	0·18	0·40	43·31
	Nagode	26	0·88	0·34	0·26	0·18	0·42	4·85	17·10	12·89	6·76	2·17	0·14	0·44	46·43
	Maihar	10—11	0·79	0·27	0·23	0·04	0·38	6·10	17·10	12·51	4·76	1·99	0·52	0·70	45·39
	Rewah	17	0·93	0·79	0·20	0·27	0·42	9·23	18·71	15·71	6·77	2·21	0·23	0·37	55·84
	Chandia	7—8	1·10	0·09	0·22	0·02	0·45	8·60	21·90	17·53	5·51	2·81	0·25	0·62	59·10
	Ramnagar	7—8	1·12	0·17	0·10	0·01	0·17	7·75	15·21	16·24	5·61	2·30	0·13	0·73	49·54
	Sihâwal (Bardi)	7—8	1·15	0·09	0·74	0·06	0·50	5·18	13·73	16·54	6·92	2·49	0·50	0·75	48·65
	Sitlaha Teonthar	7	1·04	0·16	0·19	0·02	0·45	5·57	17·09	13·98	5·95	2·82	0·32	0·78	48·37
	Sohagpur	6—7	1·93	0·24	0·46	0·41	0·29	7·24	19·33	12·67	7·28	2·74	1·42	0·77	54·78
	Chakrata	20	2·48	2·54	3·05	1·59	2·78	7·15	17·89	16·29	5·71	0·75	0·34	0·95	61·52
	Mussooree	24—36	2·45	2·80	2·76	1·59	2·66	9·38	30·90	30·62	10·03	1·00	0·38	1·02	95·59
	Srinagar	25	2·27	2·76	2·16	0·87	2·24	4·32	8·68	8·43	3·45	0·46	0·26	0·69	36·59
	Pauri	38—39	2·59	2·61	2·27	1·15	2·55	5·28	13·61	12·66	4·93	0·61	0·30	0·69	49·25
	Ranjkhet	18	2·06	1·88	2·12	1·22	2·80	5·67	12·96	11·82	6·62	0·97	0·31	0·98	49·34
	Almora	43—45	1·97	1·82	1·75	0·99	2·25	5·76	9·74	8·25	4·83	0·93	0·21	0·61	39·11
	Pithoragarh	25	1·95	2·23	2·08	1·39	3·30	7·07	12·62	11·17	5·35	1·24	0·08	0·74	49·22
	Naini Tal	38—39	2·95	2·69	2·50	1·54	2·91	14·50	25·24	24·88	11·61	1·72	0·21	1·26	92·01
N.-W. PROVINCES.	Dehra Dun	39—41	2·28	1·82	1·30	0·65	1·53	8·47	25·33	25·11	9·27	0·80	0·18	0·56	77·30
	Saharanpur	39—41	1·45	1·31	1·07	0·36	0·79	4·50	12·38	9·79	4·60	0·46	0·19	0·66	37·56
	Roorkee	34—35	2·04	1·40	0·97	0·36	1·12	4·95	12·65	12·29	5·62	0·61	0·20	0·37	42·38
	Muzaffarnagar	39—41	1·33	0·88	0·94	0·41	0·89	3·67	10·48	7·88	4·91	0·41	0·10	0·30	32·20
	Bijnor	39—41	1·26	1·02	0·90	0·45	0·72	4·73	10·83	9·70	6·05	0·49	0·07	0·32	36·54
	Meerut	39—41	1·01	0·73	0·71	0·38	0·78	3·43	9·35	7·24	4·21	0·45	0·05	0·33	28·68
	Moradabad	39—41	1·21	0·97	0·75	0·32	0·97	5·19	13·62	9·95	6·04	0·74	0·11	0·39	40·26
	Rudarpur	29	1·31	1·09	0·89	0·26	1·14	5·73	15·32	12·02	6·04	0·75	0·05	0·49	45·09
	Pilibhit	25	1·08	1·08	0·88	0·30	1·04	6·14	16·54	12·74	9·08	1·19	0·02	0·53	50·62
	Bulandshahr	38—40	0·78	0·81	0·48	0·23	0·59	2·97	8·34	7·17	4·35	0·52	0·04	0·42	26·70
	Bareilly	39—41	1·03	0·73	0·69	0·25	0·85	5·84	14·59	9·27	7·01	1·25	0·08	0·30	41·89

TABLE XXX.—*Average monthly and annual rainfall of 498 stations in India, Ceylon, &c.*—continued.

PROVINCES.	STATIONS.	Number years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
N.-W. PROVINCES—*concld.*	Budaun	39—41	0·86	0·51	0·48	0·11	0·47	3·64	11·31	8·67	6·39	0·80	0·06	0·29	33·59
	Shahjahanpur	39—41	0·87	0·61	0·57	0·17	1·06	5·50	12·52	9·37	6·95	1·20	0·09	0·28	39·19
	Aligarh	40—42	0·76	0·45	0·40	0·18	0·48	3·28	9·36	7·22	4·65	0·52	0·02	0·28	27·60
	Muttra	39—41	0·47	0·30	0·23	0·18	0·52	2·73	9·50	6·90	4·27	0·40	0·02	0·25	25·77
	Agra	40—42	0·56	0·27	0·23	0·16	0·70	2·78	10·01	6·84	4·54	0·40	0·03	0·23	26·75
	Etah	28—29	0·49	0·18	0·53	0·09	0·48	2·81	9·64	8·81	4·90	0·79	0·02	0·22	28·96
	Mainpuri	39—41	0·69	0·27	0·27	0·12	0·44	3·01	9·75	8·21	5·76	0·74	0·05	0·34	29·65
	Farrukhabad	39—41	0·66	0·27	0·37	0·10	0·54	3·61	10·17	8·60	5·36	1·04	0·05	0·28	31·05
	Etawah	39—41	0·49	0·20	0·39	0·14	0·45	2·61	8·97	8·66	4·74	1·01	0·08	0·26	28·00
	Cawnpore	39—41	0·72	0·41	0·24	0·15	0·45	3·36	10·20	9·33	4·86	1·16	0·06	0·22	31·16
	Fatehpur	38—41	0·66	0·37	0·27	0·15	0·36	3·52	10·08	9·48	5·24	1·25	0·08	0·28	31·74
	Jalaun (Orai)	27—28	0·39	0·18	0·17	0·06	0·25	2·73	11·07	10·94	5·37	0·68	0·01	0·24	32·09
	Hamirpur	39—41	0·52	0·30	0·20	0·09	0·32	4·08	11·85	8·98	5·09	0·95	0·12	0·32	32·82
	Banda	39—41	0·73	0·29	0·26	0·11	0·34	3·96	12·50	9·88	5·88	1·27	0·22	0·26	35·70
	Allahabad	39—41	0·78	0·40	0·42	0·15	0·32	4·41	12·21	10·04	6·62	2·19	0·22	0·23	37·99
	Basti	22—23	0·70	0·40	0·26	0·22	1·18	6·31	13·35	11·21	8·68	2·53	0·01	0·14	44·99
	Gorakhpur	39—41	0·68	0·52	0·39	0·39	1·46	7·58	13·15	11·64	8·81	3·14	0·16	0·13	48·05
	Azamgarh	39—41	0·56	0·42	0·34	0·16	0·91	5·13	11·27	10·58	7·75	2·41	0·08	0·14	39·75
	Jaunpur	36—38	0·70	0·36	0·31	0·14	0·85	4·87	11·78	11·81	7·99	3·01	0·15	0·13	42·10
	Benares	39—41	0·75	0·46	0·35	0·15	0·57	4·86	12·77	11·06	6·40	2·08	0·15	0·15	39·75
	Mirzapur	39—41	0·75	0·60	0·58	0·13	0·54	4·41	12·98	12·04	6·86	2·11	0·26	0·18	41·44
	Ghazipur	39—41	0·75	0·51	0·30	0·12	0·78	4·37	10·83	9·71	7·17	2·70	0·28	0·14	37·66
	Ballia	25	0·59	0·46	0·21	0·32	1·00	5·35	11·33	10·01	7·98	2·71	0·17	0·14	40·27
	Dudhi	15	0·65	0·50	0·53	0·20	0·85	4·94	12·16	13·16	6·36	3·16	0·31	0·27	43·09
	Robertsganj	25	0·77	0·45	0·37	0·23	0·82	5·08	13·46	11·82	7·50	2·60	0·24	0·25	43·59
	Jhansi	28—29	0·53	0·24	0·39	0·13	0·25	3·97	13·88	10·74	5·42	0·72	0·03	0·21	36·51
	Lalitpur	28—29	0·51	0·25	0·29	0·14	0·56	4·53	13·41	12·19	6·32	0·95	0·16	0·33	39·64
	Kheri	21—22	1·09	0·66	0·58	0·24	1·07	6·15	11·43	11·68	8·21	1·66	...	0·45	43·22
	Sitapur	21—22	0·84	0·34	0·57	0·33	1·06	5·32	11·38	10·27	6·03	1·51	0·03	0·40	38·08
	Bahraich	21—22	0·81	0·74	0·40	0·40	1·53	5·85	13·98	9·70	7·75	1·69	0·05	0·46	43·36
	Gonda	21	0·75	0·38	0·31	0·11	1·22	6·01	12·25	11·50	8·28	1·33	0·04	0·31	42·49
	Hardoi	21—22	0·65	0·25	0·70	0·20	0·46	4·07	11·87	9·66	5·93	1·42	...	0·40	35·61
OUDH	Nawabganj (Bara Banki)	21—22	0·91	0·24	0·41	0·21	0·88	5·37	11·79	9·06	8·53	1·00	...	0·55	38·95
	Lucknow	21—22	0·84	0·24	0·30	0·12	0·82	4·80	10·85	11·04	7·01	1·27	0·01	0·47	37·77
	Unao	21—22	0·73	0·28	0·28	0·13	0·55	4·62	10·60	10·62	5·31	1·45	...	0·37	34·94
	Fyzabad	21—22	0·82	0·31	0·46	0·23	1·09	5·33	12·93	11·25	8·59	1·78	0·03	0·23	43·05
	Sultanpur	21—22	0·67	0·27	0·20	0·26	0·73	5·79	12·62	11·11	8·18	1·84	0·03	0·24	41·94
	Rae Bareli	21—22	0·61	0·24	0·22	0·11	0·35	4·36	10·28	9·81	7·54	1·12	0·02	0·26	34·92
	Partabgarh	21—22	0·73	0·33	0·27	0·05	0·50	4·61	11·11	10·25	7·53	1·82	0·06	0·28	37·54
NEPAL	Katmandu	33—38	0·78	1·04	1·29	2·13	3·90	9·67	13·84	14·29	7·23	2·26	0·18	0·27	56·88
BENGAL	Motiharee	27—31	0·46	0·28	0·51	0·64	2·44	8·23	10·96	12·23	8·69	3·56	0·08	0·15	48·25

TABLE XXX.—*Average monthly and annual rainfall of 498 stations in India, Ceylon, &c.*—continued.

PROVINCES.	STATIONS.	Number of years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
BENGAL—*contd.*	Durbhunga	18	0·53	0·43	0·29	0·69	2·62	7·84	12·01	11·14	9·33	2·82	0·06	0·17	47·93
	Sewan	18—19	0·76	0·48	0·23	0·27	1·80	6·66	11·68	10·89	8·83	3·81	0·11	0·14	45·66
	Buxar	20—21	0·79	0·32	0·27	0·16	0·99	4·77	11·07	10·06	7·43	3·19	0·14	0·21	39·40
	Chupra	33—36	0·71	0·44	0·38	0·38	1·44	6·17	10·85	9·35	7·21	2·93	0·21	0·09	40·16
	Arrah	30—33	0·84	0·54	0·49	0·51	1·53	6·45	12·62	10·35	8·35	2·94	0·21	0·14	44·97
	Patna (Bankipur)	36—37	0·67	0·46	0·34	0·27	1·75	6·92	11·08	10·16	7·71	2·83	0·21	0·16	42·36
	Mozufferpore	30—33	0·80	0·47	0·45	0·52	2·42	6·88	11·02	10·31	8·25	2·93	0·09	0·07	44·21
	Barh	18—19	0·47	0·43	0·34	0·12	2·34	4·88	12·73	9·80	7·88	3·93	0·26	0·12	42·40
	Sasseram	18—19	0·50	0·48	0·30	0·17	1·12	4·93	11·57	12·25	6·95	3·48	0·24	0·28	42·27
	Gya	27—29	0·73	0·50	0·42	0·32	1·25	6·13	11·81	10·61	7·15	2·34	0·24	0·19	41·69
	Jamoooee	17—19	0·71	0·60	0·43	0·50	2·13	6·35	12·30	12·14	7·29	2·53	0·09	0·09	45·16
	Muddehpoora	18—19	0·47	0·56	0·39	1·03	4·33	8·33	12·01	11·86	10·27	4·32	0·07	0·08	53·72
	Monghyr	34—37	0·45	0·64	0·43	0·45	2·12	6·59	11·72	10·72	8·44	3·81	0·26	0·10	45·73
	Bhagalpur	34—35	0·50	0·64	0·39	0·84	2·67	8·14	11·56	10·80	7·70	3·93	0·22	0·09	47·48
	Godda	16—17	0·35	0·54	0·40	0·50	3·55	6·70	11·21	11·95	9·53	2·94	0·10	0·13	47·90
	Palamow	18—19	0·75	0·50	0·65	0·29	1·35	5·91	12·91	12·03	7·93	2·66	0·43	0·28	45·69
	Hazaribagh	27—29	0·55	0·74	0·69	0·35	1·72	7·94	13·01	13·14	7·82	3·29	0·31	0·22	49·78
	Ranchee	31—33	0·79	1·02	1·30	0·62	2·36	7·64	12·42	12·27	8·19	3·05	0·29	0·21	50·16
	Lohardugga	5—6	1·10	0·32	0·62	0·21	2·90	7·67	13·81	13·68	10·31	1·98	0·66	0·55	53·81
	Nya Doomka	18	0·55	0·68	0·72	1·05	3·63	8·79	13·49	14·07	10·27	3·88	0·24	0·22	57·59
	Gobindpur	17—18	0·51	0·88	0·44	0·63	2·00	7·00	11·87	12·49	6·88	4·00	0·12	0·19	47·01
	Purulia	24—26	0·42	0·94	0·89	0·81	2·76	8·77	11·44	12·93	7·80	3·60	0·17	0·26	50·79
	Sirguja	7—8	1·38	0·20	0·73	0·35	0·52	8·79	17·02	20·89	6·95	1·48	1·01	0·50	59·82
	Jushpore	6—7	1·45	0·19	1·39	0·21	1·69	9·81	15·88	15·40	9·87	3·72	0·65	0·66	60·92
	Gangpur	6—7	0·44	1·20	0·98	1·10	1·41	7·58	14·26	15·87	8·57	1·86	0·96	0·76	54·99
	Chybassa	19—20	0·74	0·84	1·21	0·68	4·08	8·01	14·00	13·78	8·38	2·94	0·24	0·35	55·25
	Barreepudda	10	0·31	0·70	1·39	1·42	4·91	9·77	12·85	12·30	11·64	3·82	0·66	0·23	60·00
	Keonjhur	8—9	0·18	0·22	0·23	0·62	1·64	4·55	10·37	6·09	5·77	0·65	0·48	0·32	31·12
	Jellasore	15—16	0·72	1·02	0·99	1·40	3·64	7·75	15·13	11·35	10·48	4·34	0·42	0·11	57·35
	Balasore	29—30	0·73	1·28	1·70	3·00	4·97	9·87	11·85	12·78	12·62	6·61	1·05	0·24	66·70
	Bhuddruck	18—19	0·39	1·32	1·38	1·99	5·17	8·63	12·09	11·22	10·50	4·42	1·09	0·37	58·62
	Talcher	8	0·31	0·88	1·11	0·62	2·26	7·92	16·79	10·54	8·43	2·46	1·13	0·44	52·89
	Narsingpur	3	?	?	?	?	?	?	6·58	7·72	5·41	2·91	1·12	0·24	?
	Angul	8—9	0·26	1·18	0·68	0·98	1·92	9·32	11·74	10·41	9·06	4·27	1·17	0·70	51·69
	Dhenkanal	8	0·36	0·88	1·08	0·53	2·21	9·49	15·62	12·83	10·62	3·79	0·82	0·57	58·80
	Bishpara	7—8	0·47	0·34	0·44	0·31	1·96	9·99	12·27	9·32	9·84	2·90	0·79	0·60	49·23
	Kunjabangar	7—8	0·21	0·45	1·37	1·80	3·18	7·17	11·36	13·09	13·62	4·40	1·39	0·25	58·27
	Banki (Charchika)	8—9	0·22	0·51	1·48	0·47	2·77	8·59	12·02	9·58	9·35	4·04	1·45	0·64	51·12
	Cuttack	28—31	0·40	0·56	1·19	1·41	3·27	10·50	12·40	11·64	9·70	5·45	1·07	0·48	58·07
	False Point	21—22	0·58	0·88	1·16	2·19	3·63	8·92	14·15	13·60	11·14	10·27	2·29	0·64	69·45
	Pooree	31—34	0·26	1·10	0·57	0·88	2·66	7·58	9·91	10·93	9·95	8·05	2·11	0·73	54·73

TABLE XXX.—*Average monthly and annual rainfall of 498 stations in India, Ceylon, &c.*—continued.

PROVINCES.	STATIONS.	Number of years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
BENGAL—*contd.*	Darjeeling	28—31	0·72	1·09	2·30	3·93	7·54	24·13	30·37	26·50	17·52	6·05	0·21	0·21	120·57
	Mongpoo	15—16	0·83	0·70	2·23	4·01	9·64	28·88	30·80	26·29	16·09	4·81	0·16	0·17	124·61
	Pedong	4	1·32	0·56	3·03	5·27	8·02	14·11	27·26	24·79	13·24	2·05	0·26	0·64	100·55
	Baxa	19—20	1·12	0·92	3·16	8·80	20·93	44·19	47·68	43·60	31·85	9·96	0·50	0·57	213·28
	Jalpaiguri	19—20	0·54	0·32	1·89	3·96	11·44	29·12	26·06	25·91	23·59	5·25	0·10	0·08	128·26
	Cooch Behar	17—18	0·43	0·29	1·93	5·46	14·57	36·62	22·35	21·09	21·46	5·52	0·11	0·10	129·93
	Kissengunge	17—18	0·63	0·44	0·66	1·87	6·42	15·39	16·45	15·71	13·79	3·13	0·07	0·14	74·70
	Purneah	18—19	0·46	0·55	0·40	1·40	4·49	10·86	14·16	14·40	13·45	3·76	0·08	0·15	64·16
	Rungpore	28—32	0·44	0·38	1·15	3·08	10·68	21·03	15·77	13·00	13·06	4·76	0·30	0·11	83·76
	Dinagepore	29—31	0·29	0·57	0·79	2·27	7·93	16·84	14·99	13·21	12·62	4·72	0·22	0·10	74·55
	Maldah	31—33	0·64	0·73	0·85	1·35	3·87	9·83	10·74	10·27	10·79	4·23	0·21	0·33	53·84
	Bogra	26—29	0·43	0·96	0·88	3·27	8·78	15·08	15·83	12·26	11·73	4·53	0·76	0·11	74·62
	Rampur Bauleah	30—34	0·29	0·89	1·23	1·73	5·59	10·51	11·49	10·74	10·85	4·77	0·27	0·08	58·44
	Pubna	25—26	0·39	1·13	1·77	3·51	6·81	11·54	10·71	12·67	11·07	4·57	0·33	0·11	64·61
	Soory	26—29	0·46	0·93	0·67	0·94	3·29	10·10	12·64	13·17	9·77	3·60	0·16	0·16	55·89
	Bankoora	31—34	0·36	1·07	1·41	1·61	3·42	9·68	12·78	12·36	8·56	4·52	0·45	0·17	56·39
	Burdwan	28—29	0·35	0·77	1·30	2·33	5·05	9·37	12·36	12·39	8·26	4·40	0·57	0·17	57·32
	Hooghly	24—25	0·46	1·38	1·77	2·71	5·64	10·40	12·22	12·99	7·63	3·95	0·40	0·26	59·81
	Howrah	20—21	0·59	1·26	1·88	2·03	5·08	10·67	12·60	13·35	9·10	4·13	0·41	0·27	61·37
	Midnapore	23—25	0·72	0·82	1·41	1·64	5·32	9·51	12·74	12·52	8·19	4·92	0·32	0·28	58·39
	Tumlook	18	0·39	1·22	1·77	1·66	4·80	8·98	12·25	14·56	8·55	4·19	0·19	0·26	58·82
	Berhampore	34—36	0·44	0·95	1·16	1·92	4·87	9·48	10·40	10·91	9·63	5·20	0·33	0·12	55·41
	Kishnaghur	25—28	0·42	1·02	1·25	2·47	6·44	9·52	10·32	11·29	7·84	4·55	0·40	0·15	55·67
	Furreedpore	22	0·34	1·29	2·78	4·07	8·43	12·85	12·67	12·21	9·71	4·32	0·48	0·12	69·27
	Jessore	29—34	0·51	0·85	2·14	4·44	7·40	13·12	11·70	11·76	9·26	5·36	0·87	0·19	67·60
	Busseerhat	18—19	0·41	1·04	2·18	2·13	6·39	10·69	12·82	13·25	8·70	4·23	0·37	0·22	62·43
	Khoolna	17—18	0·60	1·23	2·20	3·21	6·33	12·55	12·09	12·24	9·58	4·07	0·41	0·32	64·83
	Burrisal	23—24	0·69	0·96	2·38	3·64	7·60	16·51	16·78	13·19	11·44	4·78	1·11	0·25	79·33
	Calcutta (Chowringhee).	7—8	0·62	1·31	1·46	1·54	5·18	9·59	13·76	15·69	10·29	4·03	0·54	0·49	64·50
	Alipore (Jail)	18—19	0·72	1·47	1·69	1·81	5·29	9·79	13·37	14·22	9·91	4·30	0·42	0·33	63·32
	Alipore (Obsy.)	11—12	0·40	1·19	1·44	1·64	5·71	9·19	13·25	14·57	9·90	3·48	0·53	0·60	61·90
	Saugor Island	21—22	0·34	1·17	1·35	1·32	4·47	10·90	15·98	16·02	12·55	9·06	0·81	0·29	74·26
	Mymensingh	27—29	0·36	1·19	2·23	5·44	12·02	20·59	16·09	14·52	14·03	5·39	0·72	0·12	92·70
	Kishorganj	18—19	0·57	0·86	3·01	4·99	10·85	18·86	12·93	13·12	13·29	5·18	0·42	0·30	84·38
	Atia (Tangail)	18—19	0·39	1·18	1·44	3·51	6·89	12·78	11·17	11·96	9·47	4·90	0·23	0·09	64·01
	Dacca	38—40	0·30	1·01	2·62	5·81	9·03	13·08	12·96	12·39	9·95	5·09	0·66	0·21	73·11
	Comillah	31—32	0·61	0·89	3·07	6·53	10·37	18·34	17·90	16·77	11·44	5·24	1·26	0·25	92·67
	Agartalla	16—17	0·83	1·12	4·86	5·28	11·00	14·21	11·63	13·76	10·15	4·45	0·92	0·39	78·60
	Noakholly	30—32	0·54	0·87	2·85	4·31	9·44	23·67	21·35	23·22	16·32	7·68	1·74	0·37	112·36
	Demagiri	11—12	0·71	1·36	3·65	5·22	12·31	20·48	16·94	21·38	18·02	7·24	1·89	0·81	110·01

TABLE XXX.—*Average monthly and annual rainfall of 498 stations in India, Ceylon, &c.*—continued.

Provinces.	Stations.	Number of years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Bengal—*concld.*	Rangamatia Hill	20	0·56	1·14	2·94	3·96	9·85	18·06	18·79	18·94	12·56	6·85	1·75	0·53	95·93
	Chittagong	30—34	0·53	1·16	2·04	4·56	9·29	23·17	22·49	20·90	13·93	5·65	1·61	0·55	105·88
	Cox's Bazar	18—19	0·77	0·49	1·82	2·53	10·38	33·09	41·31	28·06	14·72	7·87	2·54	0·36	143·94
Assam	Sylhet	32—36	0·38	1·49	6·40	14·27	21·35	32·10	25·10	25·88	20·84	8·12	1·07	0·27	157·33
	Silchar	31—32	0·66	2·44	7·99	13·28	15·64	19·67	20·42	18·42	14·03	6·13	1·09	0·64	120·41
	Cherra Poonjee	25—32	0·82	2·45	9·82	29·71	50·61	112·59	116·44	77·96	55·71	13·34	1·83	0·29	471·57
	Tura	18—19	0·57	0·80	2·04	5·96	16·54	24·87	23·03	20·74	20·04	7·72	0·46	0·13	122·90
	Shillong	22—23	0·46	0·75	1·98	3·73	9·66	18·11	13·39	13·69	14·81	5·91	0·94	0·32	83·75
	Dhubri	17—19	0·33	0·48	2·11	5·26	15·63	27·68	14·68	11·99	12·34	3·94	0·13	0·18	94·75
	Goalpara	27	0·45	0·51	2·38	6·47	13·59	23·77	16·85	12·18	11·49	4·20	0·22	0·27	92·38
	Kulsi	8	0·40	0·45	2·65	5·75	11·22	15·15	16·34	13·35	10·71	3·94	0·16	0·15	80·27
	Gauhati	37—40	0·61	0·90	2·53	6·01	9·99	12·89	12·53	10·95	8·08	3·00	0·60	0·27	68·36
	Nowgong	33—36	0·83	1·05	2·56	5·56	9·38	13·09	16·35	14·62	10·96	4·02	0·49	0·27	79·18
	Tezpur	31—35	0·61	0·87	2·37	6·12	9·92	13·60	15·29	12·44	9·40	3·08	3·83	0·60	75·13
	Chardner	8	1·10	1·20	2·29	5·13	10·70	16·37	15·25	18·30	13·85	5·43	0·30	0·72	90·84
	Sibsagar	32—34	1·21	2·16	4·54	9·86	11·25	14·18	15·51	15·71	11·69	5·10	1·24	0·54	92·99
	Dibrugarh	25—28	1·48	2·41	5·81	9·82	13·92	18·05	19·33	17·79	14·06	5·85	1·34	0·89	110·75
	Kohima	10	0·71	1·15	3·13	3·88	7·66	14·04	16·71	15·11	10·02	3·11	1·22	0·56	77·30
Central Provinces.	Saugor	30—33	0·71	0·51	0·17	0·17	0·58	6·23	16·78	11·86	7·34	1·30	0·39	0·62	46·66
	Damoh	30—32	0·59	0·36	0·19	0·22	0·38	6·30	16·79	13·26	7·31	1·64	0·31	0·52	47·87
	Jubbulpore	43—45	0·71	0·46	0·48	0·21	0·50	8·38	19·10	14·05	8·12	1·57	0·35	0·28	54·21
	Narsinghpur	31—34	0·45	0·31	0·23	0·24	0·48	7·93	15·61	12·14	8·26	1·62	0·21	0·44	47·92
	Hoshangabad	30—34	0·36	0·16	0·22	0·04	0·50	6·40	15·75	12·86	10·39	1·22	0·37	0·54	48·81
	Khandwa	23—25	0·33	0·28	0·08	0·07	0·33	6·43	10·18	6·93	6·29	1·22	0·17	0·48	32·79
	Badnur (Betul)	32—36	0·49	0·31	0·63	0·28	0·48	7·43	13·58	8·87	7·93	1·89	0·38	0·55	42·82
	Pachmarhi	17—18	0·61	0·30	0·33	0·23	0·63	10·48	29·23	19·02	14·73	2·11	0·37	0·70	78·74
	Chhindwara	25—26	0·76	0·32	0·46	0·24	0·67	9·63	11·77	8·43	8·35	2·23	0·32	0·44	43·62
	Seoni	30—32	0·71	0·84	0·49	0·53	0·85	9·97	15·79	11·23	8·10	2·05	0·34	0·70	51·60
	Balaghat	22	0·54	0·61	0·29	0·44	0·89	12·72	23·17	16·96	9·25	1·72	0·38	0·32	67·29
	Mandla	29—32	0·63	0·56	0·74	0·51	0·52	9·40	18·84	12·39	6·41	1·57	0·23	0·35	52·15
	Bilaspur	24—26	0·57	0·29	0·78	0·79	0·96	8·76	13·56	11·36	7·56	1·68	0·51	0·29	47·11
	Chappa	17—18	0·28	0·20	0·36	0·41	0·31	6·87	15·38	11·56	8·41	1·47	0·40	0·19	45·84
	Sarangarh	10	0·27	0·33	0·62	0·20	0·57	7·47	16·12	13·33	6·88	3·21	0·69	0·29	49·98
	Raigarh	7—8	0·30	0·32	0·42	0·16	0·75	8·09	18·99	21·28	9·49	1·74	0·62	0·47	62·63
	Sambalpur	26—28	0·67	0·60	0·67	0·51	1·48	12·45	17·78	15·85	8·61	2·26	0·33	0·36	61·57
	Raipur	24—26	0·32	0·27	0·57	0·61	0·82	10·29	15·23	12·03	7·76	2·15	0·76	0·29	51·10
	Dhamtari	22	0·23	0·37	0·29	0·18	1·43	9·36	16·31	10·40	7·06	1·97	0·39	0·16	48·15
	Bhandara	24—26	0·94	0·56	0·54	0·52	1·08	8·66	17·84	13·21	9·23	1·74	0·41	0·37	55·10
	Nagpur	41—42	0·61	0·40	0·60	0·44	0·79	8·86	13·37	8·95	7·75	2·28	0·45	0·48	44·98
	Arvi	19—20	0·66	0·21	0·52	0·15	0·82	6·05	10·07	7·39	7·63	2·41	0·38	0·48	36·77
	Wardha	24—26	0·34	0·27	0·31	0·33	0·81	6·60	12·96	8·94	7·71	2·14	0·54	0·46	41·41

TABLE XXX.—*Average monthly and annual rainfall of 498 stations in India, Ceylon &c.*—continued.

PROVINCES.	STATIONS.	Number of years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
CENTRAL PROVINCES—*contd.*	Brahmapuri	22	0·46	0·18	0·62	0·34	0·82	9·51	19·77	12·81	8·75	2·04	0·44	0·46	56·20
	Chanda	24—26	0·21	0·67	1·03	0·68	2·33	7·68	16·24	12·02	8·38	2·36	0·78	0·40	52·78
	Sironcha	24—26	0·23	0·34	0·45	0·46	1·77	7·10	13·92	11·08	8·14	2·42	0·71	0·22	46·84
	Bastar (Jagdalpore)	6—7	0·15	0·10	0·41	2·71	1·88	11·33	16·94	12·55	7·69	2·21	1·57	0·40	57·94
BERARS	Makhla	10—11	0·37	0·25	0·33	0·07	0·44	10·92	23·92	15·51	14·31	4·11	0·89	1·15	72·27
	Chikalda	17—18	0·62	0·17	0·40	0·14	0·50	11·71	19·52	16·39	12·82	4·67	0·76	1·18	68·88
	Ellichpur	28—29	0·43	0·14	0·36	0·19	0·35	6·29	7·98	5·61	5·47	2·61	0·59	0·65	30·67
	Amraoti	29—30	0·49	0·20	0·34	0·22	0·65	7·09	9·39	6·90	5·31	1·77	0·32	0·57	33·25
	Akola	27—28	0·51	0·14	0·45	0·11	0·23	5·33	8·28	6·50	5·77	2·37	0·51	0·77	30·97
	Buldana	27—28	0·68	0·14	0·25	0·26	0·54	6·34	8·20	7·59	6·34	2·40	0·50	0·61	33·85
	Basim	23	0·37	0·12	0·19	0·31	0·56	8·31	11·13	7·58	6·89	2·07	0·72	0·64	38·89
	Yeotmal	24	0·28	0·17	0·39	0·28	0·94	7·80	13·83	8·86	6·92	2·54	0·53	0·53	43·07
	Wun	22—24	0·33	0·13	0·53	0·11	0·48	6·77	13·02	10·45	6·25	1·71	0·74	0·38	40·90
HYDERABAD	Aurangabad (Cant.)	14	0·20	0·03	0·07	0·18	0·78	6·39	7·14	5·67	6·95	2·78	0·65	0·84	31·68
	Jalna	10	0·22	0·05	0·06	0·06	0·71	6·82	6·53	5·11	6·78	3·54	0·99	1·12	31·99
	Hingoli	25	0·47	0·13	0·20	0·54	0·81	6·92	10·42	7·76	7·04	2·45	0·90	0·51	38·15
	Parbhani	13	0·08	0·03	0·10	0·28	0·78	6·09	7·54	6·92	7·71	2·83	0·82	0·42	33·60
	Nandair	13	0·18	0·06	0·16	0·30	0·96	6·39	8·66	8·38	7·05	2·97	0·90	0·92	36·93
	Bheer	13	0·19	0·02	0·13	0·25	0·38	5·17	5·31	6·06	7·39	2·77	1·10	0·86	29·63
	Mominabad	8—9	0·31	0·10	0·18	0·44	0·66	6·99	5·36	6·97	9·08	2·71	1·59	1·56	35·95
	Indur	13	0·05	0·01	0·29	0·33	0·36	4·64	10·66	9·89	6·92	2·44	1·15	0·43	37·17
	Yelgandal	13	0·16	0·15	0·50	0·51	1·23	5·18	7·91	6·94	6·55	2·96	1·23	0·49	33·81
	Medak	13	0·03	0·13	0·35	0·73	0·80	4·61	8·03	8·58	6·60	2·42	1·04	0·32	33·64
	Ibramhimpatan	13	0·07	0·05	0·58	0·62	1·34	4·68	6·33	7·13	5·59	2·71	1·78	0·24	31·12
	Naldurg	13	...	0·03	0·18	0·26	1·28	6·63	5·44	8·34	9·98	3·36	1·15	0·54	37·19
	Bidar	13	...	0·01	0·32	0·84	1·15	6·17	9·22	9·98	9·17	3·55	1·24	0·66	42·31
	Gulbarga	13	0·09	0·13	0·22	0·73	1·49	4·86	4·76	6·72	6·29	2·97	0·68	0·43	29·37
	Bolarum	19	0·13	0·17	0·42	0·53	1·40	3·67	6·36	6·52	5·56	3·23	1·00	0·43	29·42
	Secunderabad	45—46	0·29	0·21	0·70	0·72	1·43	3·73	5·90	5·68	5·22	3·25	0·91	0·25	28·29
	Hyderabad (Residency).	20	0·13	0·06	0·27	0·64	1·01	4·26	6·12	6·21	6·64	3·46	1·30	0·60	30·70
	Nalgonda	13	0·17	0·01	0·35	0·48	1·41	3·36	4·26	4·69	5·68	3·81	2·10	0·20	26·52
	Khamam	13	0·31	0·21	1·04	0·33	1·06	4·69	7·60	6·65	5·74	2·41	1·31	0·48	31·83
	Sirpur	4—5	0·11	0·25	0·30	0·29	0·49	9·73	15·72	7·07	3·47	2·35	1·20	2·02	43·00
	Nagar Karnul	13	0·05	0·11	0·33	0·43	1·70	4·06	6·58	6·52	5·03	2·97	0·79	0·44	29·01
	Raichur	13	0·04	...	0·25	0·52	1·23	4·05	3·89	5·23	4·89	3·99	1·08	0·11	25·28
	Raichur (Cant.)	4—5	...	...	0·01	0·19	3·11	4·22	4·16	5·88	4·21	2·72	1·49	0·26	26·25
BOMBAY	Dhulia	19—28	0·39	0·08	...	0·03	0·39	5·18	5·00	3·96	4·46	1·95	0·76	0·35	22·55
	Nasik	28—32	0·10	0·04	0·04	0·09	0·65	5·81	7·65	5·14	5·08	3·85	0·62	0·23	29·30
	Igatpuri	19—26	0·21	0·09	0·04	0·07	1·09	21·45	48·78	33·78	16·75	4·75	0·44	0·24	127·69
	Malegaon	19—28	0·30	0·16	0·01	0·23	0·68	5·22	4·14	4·19	6·17	2·53	0·56	0·52	24·71
	Ahmednagar	32	0·36	0·07	0·16	0·44	1·32	4·60	3·09	4·14	6·72	3·36	1·03	0·44	25·73

TABLE XXX.—*Average monthly and annual rainfall of 498 stations in India, Ceylon, &c.*—continued.

PROVINCES.	STATIONS.	Number of years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
BOMBAY—*contd.*	Poona	45	0·23	0·03	0·16	0·54	1·61	5·48	6·76	4·01	4·39	4·04	0·87	0·24	28·36
	Lanauli	15	0·10	0·01	0·11	0·10	0·57	28·06	66·51	40·26	22·13	4·35	0·71	0·24	163·15
	Satara	33—34	0·37	0·07	0·09	0·83	1·49	7·59	13·52	7·24	4·71	3·52	1·67	0·48	41·58
	Mohableshwar	32—34	0·43	0·05	0·39	0·87	1·37	47·55	103·36	69·06	32·35	5·61	1·33	0·40	262·77
	Sholapur	35—36	0·08	0·10	0·25	0·67	1·18	4·65	4·36	6·07	7·49	3·62	0·72	0·37	29·56
	Kolhapur	27—29	0·07	0·01	0·09	1·27	2·04	7·42	12·07	6·83	4·01	5·03	0·81	0·20	39·85
	Baura	15—17	0·36	0·01	0·03	0·48	2·04	54·30	88·16	59·17	33·57	10·92	1·96	0·45	251·45
	Belgaum	36—37	0·08	0·02	0·50	1·96	2·77	9·25	15·25	8·93	3·66	4·85	1·28	0·29	48·84
	Gokak	20—27	0·08	...	0·37	1·01	1·88	3·37	2·20	2·26	3·50	6·14	1·05	0·83	22·69
	Dharwar	22—29	0·17	0·01	0·30	1·32	2·81	5·19	6·33	4·92	3·44	6·14	2·08	0·50	33·21
	Hubli	18—25	0·14	...	0·25	1·40	2·48	4·16	4·43	3·19	3·29	5·49	1·26	0·27	26·36
	Nargund	18—25	0·26	0·10	0·19	0·93	2·35	2·84	1·90	2·95	4·47	6·09	0·93	0·36	23·37
	Mandargi	15	0·34	...	0·19	0·63	2·16	1·97	1·84	2·22	3·91	4·25	1·25	0·12	18·88
	Kalghatgi	18—23	0·13	...	0·21	1·13	1·83	5·52	7·53	4·71	3·41	4·96	1·00	0·26	30·69
	Bijapur	19—27	0·08	0·02	0·17	0·62	0·94	3·31	2·47	3·89	6·07	4·54	1·25	0·84	24·20
	Honawar	25—27	0·24	...	0·13	0·28	3·27	41·36	43·00	27·42	14·71	6·67	1·27	0·17	138·52
	Karwar	27—28	0·17	...	0·05	0·29	2·90	35·93	37·70	21·86	11·70	5·33	1·73	0·15	117·81
	Goa	28—29	0·23	...	0·02	0·10	1·53	32·91	33·86	20·19	10·22	4·48	1·19	0·11	104·84
	Vingurla	20—27	0·29	...	0·05	0·12	1·83	35·18	35·34	21·78	11·32	4·69	0·96	0·24	111·80
	Ratnagiri	20—32	0·96	0·01	...	0·16	1·33	31·70	33·20	20·34	12·94	3·38	0·78	0·09	104·89
	Colaba (Obsy.)	42—72	0·15	0·02	0·01	0·03	0·52	20·77	24·72	15·07	10·80	1·80	0·50	0·06	74·45
	Byculla (J. J. Hospital)	20—27	0·22	0·01	0·01	...	0·39	21·59	27·68	17·30	12·16	2·69	0·13	0·06	82·24
	Tanna	22—31	0·21	0·07	0·01	...	0·39	25·09	36·11	20·83	12·29	3·20	0·20	0·07	98·47
	Matheran	18	0·14	0·01	0·01	0·03	0·73	36·07	84·66	52·22	29·34	4·79	1·08	0·07	209·15
	Surat	20—26	0·03	0·02	...	...	0·21	9·25	14·16	9·52	6·75	1·32	0·17	0·05	41·48
	Broach	20—27	0·06	0·02	0·01	...	0·12	6·81	14·99	8·59	6·74	1·57	0·21	0·04	39·16
	Kaira	20—28	0·05	0·20	0·01	0·05	0·30	4·33	14·20	8·90	4·67	0·45	0·34	0·07	33·57
	Bariya	20	0·08	0·27	...	...	0·15	5·78	18·07	11·36	9·58	0·87	0·12	0·11	46·39
	Godhra	20—23	0·06	0·14	0·01	0·01	0·37	5·04	16·18	11·54	8·00	1·00	0·17	0·10	42·62
	Dohad	16	0·08	0·19	0·02	0·03	0·35	3·29	9·70	7·80	6·98	0·97	0·16	0·13	29·70
	Ahmedabad	20—28	0·03	0·10	0·02	0·03	0·63	3·60	11·26	8·43	4·02	0·54	0·15	0·05	28·86
	Edar	19—21	0·05	0·18	...	0·02	0·64	3·65	16·62	11·76	6·48	0·36	0·17	0·07	40·00
	Deesa	31—33	0·14	0·18	0·09	0·05	0·16	2·14	9·55	8·40	3·12	0·76	0·09	0·05	24·73
	Wadhwan	18	0·06	0·06	0·04	0·01	0·13	2·82	7·30	3·35	3·63	0·35	0·57	0·04	18·56
	Palanpur	17—21	0·10	0·24	0·05	0·01	0·62	2·28	10·87	11·71	4·97	0·69	0·06	0·07	31·73
	Rajkot	22—28	0·06	0·10	0·01	0·01	0·36	5·33	10·53	6·57	4·01	0·72	0·36	0·06	28·12
	Songad	14	0·06	0·11	0·05	0·03	0·26	3·01	9·33	4·48	5·63	1·25	0·11	0·05	24·37
	Bhuj	19—28	0·06	0·17	0·10	0·15	0·14	2·20	5·33	3·57	2·22	0·76	0·02	0·03	14·75
	Rhahpur	11	0·05	0·07	0·10	0·11	0·20	0·97	7·16	3·69	3·08	0·88	...	0·02	16·33
	Nagar	24—26	0·18	0·11	0·05	0·03	0·26	1·87	5·75	5·95	1·69	0·34	0·01	0·02	16·26
	Kurrachee	31—33	0·69	0·26	0·15	0·17	0·05	0·18	2·95	1·70	0·80	0·06	0·07	0·17	7·25

TABLE XXX.—*Average monthly and annual rainfall of 498 stations in India, Ceylon, &c.*—continued.

PROVINCES.	STATIONS.	Number of years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
	Schwan . .	23—24	0·46	0·26	0·22	0·19	0·11	0·16	1·94	2·32	0·68	...	0·08	0·13	6·55
	Tatta . . .	20	0·36	0·19	0·11	0·43	0·02	0·76	3·35	1·70	1·04	...	0·09	0·05	8·10
	Hyderabad (Obsy.)	22—26	0·31	0·20	0·11	0·19	0·05	0·36	2·76	3·12	0·74	...	0·07	0·01	7·92
BOMBAY—*concld.*	Umarkot . .	20—24	0·24	0·19	0·12	0·13	0·07	0·87	3·56	4·09	1·03	0·22	...	0·01	10·43
	Shikarpur . .	24—26	0·31	0·31	0·44	0·18	0·07	0·10	1·20	1·69	0·23	...	0·05	0·11	4·69
	Rohri . . .	27—28	0·34	0·49	0·44	0·27	0·21	0·29	1·21	1·34	0·33	0·02	0·08	0·18	5·20
	Jacobabad . .	28	0·26	0·26	0·31	0·16	0·13	0·07	1·31	1·33	0·24	0·01	0·07	0·09	4·24
	Ganjam . .	25—26	0·15	0·56	0·81	0·78	1·44	5·03	5·22	6·10	8·51	8·93	1·87	1·13	40·53
	Gopalpur . .	8—9	0·19	0·64	0·69	0·65	2·09	7·38	7·77	8·52	7·82	10·01	5·13	1·48	52·37
	Aska . . .	25—26	0·22	0·55	1·25	1·46	3·09	5·85	6·75	8·77	8·79	6·53	2·05	0·64	45·95
	Vizianagram . .	26	0·15	0·42	0·82	0·40	2·48	4·55	4·87	6·49	7·52	8·22	2·48	1·47	39·87
	Bimlipatam . .	29	0·27	0·46	0·22	0·17	1·93	3·25	3·55	4·42	6·14	7·96	2·74	1·22	32·33
	Rayaghadda . .	8	0·11	0·11	1·16	1·66	3·90	6·91	10·11	10·10	5·28	3·69	2·13	0·62	45·78
	Nourangapur .	6—7	0·18	0·33	0·39	0·96	1·54	8·67	22·37	16·59	10·19	3·09	1·27	0·14	65·72
	Gunipur . .	5—7	0·05	0·49	0·90	2·11	2·33	6·37	10·18	9·01	6·29	3·99	2·13	0·50	44·35
	Joypur . . .	7	...	...	0·44	0·69	2·25	13·37	22·14	16·75	11·49	3·76	1·84	0·04	72·77
	Koraput . .	8	0·03	0·01	0·23	0·69	2·07	9·29	16·48	13·21	8·64	3·35	1·54	0·33	55·87
	Malkanagiri . .	5—7	0·03	...	0·13	0·85	1·29	9·82	21·19	15·25	14·85	2·47	1·11	0·11	67·10
	Narsapatnam .	19	0·31	0·40	0·97	1·12	4·29	4·41	5·14	5·64	8·04	7·97	3·46	1·06	42·81
	Vizagapatam .	23	0·33	0·23	0·39	0·50	3·06	4·49	4·82	6·37	7·25	11·26	4·80	1·97	45·47
	Cocanada . .	26	0·23	0·22	0·18	0·42	2·14	4·30	5·47	5·35	6·34	8·78	3·94	0·94	38·31
	Rajahmundry .	27	0·16	0·25	0·25	0·88	3·29	4·50	7·09	6·34	6·88	6·24	1·92	0·19	37·99
	Ellore . . .	26	0·23	0·11	0·43	0·57	1·54	4·29	5·75	6·75	7·24	5·83	2·60	0·41	35·75
MADRAS . .	Masulipatam .	26	0·25	0·11	0·32	0·04	1·72	4·39	5·45	5·96	6·29	8·29	4·29	0·64	37·75
	Guntur . . .	29	0·33	0·13	0·51	0·57	1·90	3·48	4·91	6·14	5·56	6·45	2·31	0·50	32·79
	Vinukonda . .	19	0·28	0·01	0·23	0·35	1·59	2·57	2·86	4·04	4·44	6·37	3·56	0·79	27·09
	Ongole . . .	19	0·31	0·03	0·23	0·22	1·79	1·90	3·22	3·95	4·98	9·44	6·68	1·23	33·98
	Nellore . . .	25—26	0·46	0·09	0·22	0·11	1·55	1·47	2·12	3·02	3·08	10·41	11·36	3·73	37·62
	Udayagiri . .	19	0·43	0·19	0·29	0·37	1·84	1·31	1·67	2·02	2·62	8·75	8·01	2·54	30·04
	Tada . . .	18	0·68	0·62	0·28	0·14	2·39	2·33	2·65	4·05	3·35	10·06	13·26	4·06	43·87
	Kurnool . .	28—29	0·05	0·04	0·43	0·75	1·93	3·29	4·92	6·06	6·32	3·94	0·89	0·19	28·81
	Cumbum . .	19	0·10	0·05	0·43	0·24	1·95	2·25	3·06	2·91	3·69	5·69	3·87	0·71	24·95
	Nandyal . .	19	0·08	0·02	0·16	0·40	1·52	4·92	5·57	7·50	8·85	4·92	1·14	0·28	35·36
	Bellary . .	35	0·14	0·04	0·54	0·73	1·86	1·81	1·37	2·24	3·73	3·85	1·14	0·26	17·71
	Gooty . . .	32—33	0·05	0·06	0·06	0·45	1·82	2·63	2·86	4·10	4·45	4·16	1·17	0·15	21·96
	Adoni . . .	19	0·06	...	0·03	0·56	1·64	4·07	3·99	5·45	5·42	4·63	0·84	0·07	26·76
	Dharmavaram .	19	0·01	0·15	0·24	0·51	1·75	2·37	1·53	3·25	4·15	4·87	2·09	0·20	21·12
	Cuddapah . .	35—36	0·10	0·01	0·23	0·32	1·58	2·65	3·43	5·23	5·86	5·31	3·31	0·75	28·78
	Madnapalle . .	19	0·15	0·10	0·43	0·72	2·88	2·06	1·96	3·15	4·54	6·81	4·47	1·10	28·37
	Chittoor . .	26	0·30	0·20	0·40	0·42	3·29	2·49	2·84	5·28	5·93	7·00	4·90	2·16	35·21
	Vellore . . .	25—26	0·60	0·30	0·16	0·42	3·27	2·56	3·26	5·20	5·53	7·38	6·36	3·03	38·07

TABLE XXX.—*Average monthly and annual rainfall of 498 stations in India, Ceylon, &c.*—continued.

PROVINCES.	STATIONS.	Number of years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
MADRAS—*contd.*	Chandragiri	19	0·29	0·22	0·31	0·45	2·25	2·52	2·67	4·02	4·83	6·61	7·49	2·17	33·83
	Arcot	25—26	0·40	0·52	0·38	0·45	2·57	2·56	3·41	6·04	5·47	5·98	6 38	2·70	36·86
	Madras	76	0 93	0 28	0·41	0·63	2 22	2·07	3·79	4·53	4·72	11·16	13·70	5·27	49·71
	Palmaner	26	0·20	0·19	0·32	0·51	2·85	2·53	2·56	4·44	5·61	6·55	4·63	1·67	32·06
	Saidapet	10	0·76	0 25	0·36	0·23	1·10	1·97	3·92	4 62	4·68	13·61	17·76	7·24	56·50
	Chingleput	24—26	0·42	0·28	0·14	0·13	1·82	2·66	3·23	4·84	4·99	8·06	10·56	5·94	41·07
	Conjeeveram	25—26	0·48	0·37	0·15	0 31	2·25	2·49	3·95	6·16	6·21	7·16	8·99	3·37	41·89
	Tindivanam	25—26	0·39	0·50	0·27	0·48	2·70	2·04	2·88	6·99	6·66	8·38	8·80	3·86	43·95
	Cuddalore	27—28	0·91	0·26	0·38	0·87	1·82	1 40	2·47	5·09	4·71	9·30	14·15	6·39	47·95
	Vriddhachalam	25	0·42	0·29	0·24	0·43	2·10	1·39	2·55	5·29	4·74	6·85	7·36	4·05	35·71
	Udayarpalaiyam	24	0·77	0·30	0·20	0·74	3·35	1·67	2·61	4·92	4·63	7·59	7·73	4·55	39·06
	Salem	28—29	0·31	0·07	0·95	1·92	4·72	3·24	3·65	5·99	6·09	7·36	2·77	0·96	38·03
	Atur	26	0·38	0·22	0·65	1·25	4·28	1·50	2·66	4·20	5·11	7·63	4·96	1·32	34·16
	Shevaroy Hills	25—26	0·37	0·17	0·81	2·30	6·56	5·74	7·22	10·46	8·63	10·87	6·51	3·63	63·27
	Kumbakonam	25—26	0·63	0·44	0·44	0·60	2·36	1·92	2·50	4·73	4·52	8·49	8·82	5·78	41·23
	Tirupatur	19	0·12	0·32	0·56	0·71	5·19	2·71	3·22	5·40	7·14	6·83	4·32	0·99	37·51
	Hosur	19	0·22	0·25	0·63	1·21	4·60	1·91	2·69	4·89	4·92	6·14	4·05	1·15	32·66
	Tranquebar	24—25	1·11	0·34	0·15	1·05	1·87	1·20	2·05	3·99	3·49	9·93	15·53	10·05	50·76
	Negapatam	25—26	1·19	0·83	0·26	1·00	2·08	1·44	1·36	3·24	3·56	9·49	15·32	10·47	50·24
	Tanjore	25—26	0·62	0·39	0·49	0·85	1·98	1·44	1·82	3·79	4·13	6·16	5·89	4·35	31·93
	Puttukota	19	1·11	0·76	0·41	1·12	2·42	1·95	1·66	5·20	3·26	6·83	8·07	6·68	38·87
	Trichinopoly	35—37	0·96	0·48	0·71	1·82	3·31	1·32	2·05	4·39	5·17	7·68	5·17	3·14	36·70
	Karur	25—26	0·27	0·11	0·40	1·83	3·89	1·27	1·21	3·31	3·41	6·08	3·04	1·54	26·36
	Coimbatore	26—28	0·26	0·14	0·60	1·77	2·56	1·84	1·25	1·14	1·22	5·73	3·48	1·15	21·14
	Kollegal	19	0·20	0·05	0·62	1·47	5·89	2·02	2·35	5·02	5·84	7·82	2·57	0·72	34·57
	Dindigul	26	0·55	0·29	0·55	1·66	3·02	1·69	1·57	2·14	2·89	6·20	4·93	2·71	28·20
	Madura (Obsy.)	28	0·68	0·39	0·60	1·93	2·91	1·67	1·59	4·70	4·48	8·52	5·49	2·37	35·03
	Pasumali	31—37	0·70	0·43	0·75	2·15	3·03	1·14	2·24	4·37	4·22	7·80	4·93	2·39	34·15
	Vattanum	18—19	1·10	0·89	0·66	2·69	1·84	0·87	0·86	2·00	1·86	7·61	8·52	6·56	35·46
	Periyakulam	18—19	0·71	0·72	1·70	2·25	2·80	0·99	0·64	1·85	2·44	6·62	4·94	1·55	27·21
	Tinnevelly	27—28	1·21	0·86	1·37	1·86	1·61	0·72	0·31	0·54	0·86	6·76	9·36	3·54	29·00
	Tuticorin	25—26	1·00	0·54	0·74	1·57	0·93	0·15	0·19	0·37	0·65	4·10	8·42	2·76	21·42
	Satur	19	0·36	0·56	1·09	1·54	2·18	0·65	0·99	1·60	2·01	6·57	4·05	1·99	23·59
	Cochin	32—33	0·88	0·72	2·04	4·47	12·68	31·23	22·22	12·15	9·28	12·05	5·20	2·90	114·82
	Palghat	26	0·06	0·11	0·44	1·90	4·56	18·03	19·88	10·67	5·98	7·05	3·36	0·86	72·90
	Wellington	12—14	0·72	0·32	2·06	3·01	4·05	3·44	2·94	3·90	4·59	9·85	8·53	4·48	47·89
	Manantoddy	21	0·22	0·28	1·03	2·74	4·76	23·23	31·50	16·95	7·28	5·92	2·38	0·66	96·95
	Calicut	27—28	0·14	0·15	0 86	2 93	9·43	36 19	29·49	14·19	7·73	8·63	3·89	1·61	115·24
	Tellicherry	25—26	0·36	0·06	0·34	3·04	9·23	41·18	36·83	17·65	9·70	7·02	3·50	0·84	129·75
	Cannanore	25—26	0 47	0·22	0·11	1·95	7·09	39·98	35·55	17·74	8·58	7·89	3 45	0·54	123 57
	Mangalore	30—35	0·15	0·08	0·11	1·95	7·83	38 87	37·07	22·88	11·22	8·05	2·05	0·51	130·77

TABLE XXX.—*Average monthly and annual rainfall of 498 stations in India, Ceylon, &c.*—continued.

Provinces.	Stations.	Number of years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Mysore and Coorg.	Bangalore	52—53	0·21	0·14	0·56	1·24	4·94	3·19	4·00	5·85	6·29	6·41	2·03	0·68	35·54
	Mysore	50—52	0·09	0·13	0·66	2·17	5·63	1·89	2·27	3·15	3·95	6·46	1·77	0·49	28·66
	Shimoga	51—52	0·07	0·13	0·33	1·83	3·27	4·75	6·77	4·20	3·10	4·95	1·35	0·40	31·15
	Mercara	25	0·27	0·06	1·02	2·20	5·88	26·31	42·68	25·49	12·08	8·14	2·87	0·61	127·61
	Kolar	19	0·25	0·02	0·64	0·88	3·44	3·57	3·02	4·53	4·73	6·13	3·40	0·95	31·56
	Tumkur	43	0·18	0·23	0·37	1·20	4·52	3·84	3·54	5·19	5·44	6·88	1·61	0·38	33·38
	Chitaldroog	19	0·26	0·02	0·12	1·14	3·55	2·71	2·64	2·99	3·75	5·08	2·35	0·48	25·09
	Chikmagalur	19	0·32	0·14	0·80	1·72	4·82	4·21	6·20	3·55	3·49	7·21	2·69	0·70	35·85
	Hassan	18	1·01	0·12	0·51	1·18	4·49	4·04	4·77	2·69	2·66	5·33	1·86	0·70	29·36
Burma	Akyab	31—32	0·17	0·19	0·49	1·60	12·31	50·12	51·37	39·06	22·72	11·88	3·61	0·55	194·07
	Kyaukpyu	23	0·16	0·06	0·32	0·83	10·07	41·81	49·81	43·84	20·89	9·70	4·28	0·47	182·24
	Sandoway	26—28	0·10	0·06	0·14	1·12	13·51	50·53	61·90	48·58	24·24	10·29	3·00	0·17	213·64
	Rangoon	19	0·14	0·14	0·06	1·68	11·02	15·02	21·86	18·51	16·02	7·65	3·11	0·07	99·28
	Bassein	19	0·11	0·24	0·06	1·20	7·81	19·74	25·25	22·43	15·09	7·86	3·96	0·10	103·85
	Diamond Island	9—11	0·30	0·15	0·01	1·35	8·84	23·65	25·73	22·31	18·77	8·78	8·41	1·22	119·42
	Henzada	18	0·06	0·28	...	0·58	6·82	15·98	20·76	17·61	11·70	4·93	2·09	0·04	80·85
	Myanaung	14—15	0·09	0·04	0·02	0·91	4·92	10·62	10·05	9·70	8·83	4·15	1·90	0·13	51·36
	Prome	19	0·01	...	0·01	0·75	5·52	9·42	9·09	10·31	7·58	4·93	1·97	0·03	49·62
	Thayetmyo	19	0·01	0·02	0·06	0·64	5·00	7·80	7·81	8·09	7·54	4·28	2·10	0·08	43·93
	Mandalay	3	?	?	?	?	6·77	4·68	4·07	5·01	6·61	2·14	1·26	0·06	?
	Shweybo	3	?	?	?	?	4·15	4·85	6·09	7·27	7·02	3·09	1·59	...	?
	Yeu	3	?	?	?	?	4·10	5·65	5·64	7·02	7·73	2·38	0·42	...	?
	Minbu	3	?	?	?	?	?	2·00	3·12	5·98	6·42	1·63	2·14	...	?
	Pyinmana	3	?	?	?	?	?	5·01	13·34	14·86	11·27	3·70	1·53	0·04	?
	Pagan	3	?	?	?	?	?	6·06	3·64	2·69	7·02	3·25	0·57	0·03	?
	Kyaukssi	3	?	?	?	?	?	?	3·17	4·08	8·97	2·57	1·88	...	?
	Bhamo	3	?	?	?	?	?	?	?	16·54	12·50	5·20	0·89	0·28	?
	Kendat	3	?	?	?	?	?	5·76	16·25	16·51	11·35	5·92	2·31	...	?
	Toungdwingyee	3	?	?	?	?	?	?	5·38	8·69	9·01	2·61	?	?	?
	Ye Mothin	3	?	?	?	?	?	4·78	4·81	7·86	6·46	2·60	?	?	?
	Fort Sagaing	3	?	?	?	?	?	?	?	?	5·01	2·71	1·97	0·03	?
	Mingin	3	?	?	?	?	?	?	?	?	8·39	3·30	1·08	0·10	?
	Toungoo	19	0·03	0·15	0·03	1·52	6·38	13·86	17·82	18·79	11·88	7·12	1·30	0·18	79·06
	Shwegyin	20	0·03	0·41	0·30	2·19	10·79	30·04	34·90	32·30	19·26	9·38	1·86	0·09	141·55
	Moulmein	39	0·02	0·08	0·20	2·98	19·77	38·08	44·79	42·94	29·99	8·27	1·44	0·02	188·58
	Tavoy	31—32	0·17	0·53	0·76	3·93	16·83	40·06	46·60	42·29	33·16	10·14	2·26	0·13	196·86
	Mergui	24—25	0·47	1·44	2·50	5·64	16·89	31·24	31·98	28·16	26·25	13·18	3·55	0·53	161·83
Ceylon	Jaffna	18	2·11	1·42	1·12	2·05	2·35	1·09	0·63	1·11	2·57	9·55	14·29	10·74	49·03
	Mannar	17—19	2·23	1·73	1·87	2·64	3·04	0·84	0·27	0·58	0·73	8·07	10·50	8·62	41·12
	Trincomalee	18—19	5·57	2·20	1·16	1·78	2·50	1·87	2·17	4·43	4·43	8·50	13·00	14·22	61·83
	Batticaloa	18—19	7·52	3·49	2·91	1·42	1·88	1·23	0·86	2·70	2·14	5·81	12·57	16·26	58·79

TABLE XXX.—*Average monthly and annual rainfall of 498 stations in India, Ceylon, &c.*—concluded.

PROVINCES.	STATIONS.	Number of years.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
CEYLON—*contd.*	Hambantota	18—19	3·23	1·65	2·00	1·96	3·91	2·36	1·24	1·40	2·32	5·14	6·36	4·47	36·04
	Galle	19	4·39	3·31	4·31	9·20	11·44	8·33	5·33	5·29	7·27	13·42	11·59	6·56	90·44
	Ratnapura	19	4·92	4·12	8·48	11·47	19·25	20·93	11·57	13·53	13·97	18·07	15·01	8·67	149·99
	Colombo	19	2·85	1·82	5·08	10·59	13·44	8·18	5·01	4·32	4·60	13·05	12·47	6·44	87·85
	Kandy	18—19	4·96	2·62	3·01	7·17	6·42	9·20	7·36	5·95	5·62	11·79	11·44	9·15	84·69
	Newera Eliya	18—19	5·09	2·35	2·86	5·70	8·27	14·79	12·94	8·86	8·73	10·76	9·19	8·95	98·49
	Puttalam	18—19	1·66	1·37	2·55	5·49	4·18	1·85	0·47	0·09	1·15	7·57	10·87	6·54	43·79
	Anuradhapur	17—19	2·52	1·38	2·86	7·31	4·20	1·67	0·84	2·31	3·06	7·64	11·62	9·30	54·71
BAY ISLANDS	Port Blair	21	0·82	1·21	0·49	2·27	16·15	19·23	16·03	15·37	19·38	11·66	9·13	5·53	117·27
	Nancowry	15—16	2·77	1·87	2·30	4·85	13·53	13·56	12·66	11·71	11·54	14·23	13·45	11·89	114·36

TABLE XXXI.—*Comparison of the monthly and total rainfall in 1888, with the averages of Table XXX.*

PROVINCES.	STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
ARABIA	Aden	— 0·29	— 0·22	— 0·51	0	— 0·14	0	— 0·01	— 0·35	— 0·08	0	+ 0·20	— 0·22	— 1·62
PERSIA	Bushire	+ 1·48	— 1·25	— 0·49	— 0·32	0	0	0	0	0	0	+ 0·72	— 2·76	— 2·62
LAKHADIVES	Amini Divi	+ 0·32	— 0·18	— 0·59	— 1·22	+ 3·26	+ 4·62	— 2·92	— 6·01	— 3·98	— 5·05	+ 1·46	— 1·07	— 11·36
BELUCHISTAN	Peshin	— 0·25	+ 0·25	— 0·15	— 0·21	— 0·42	0	— 0·23	0	0	0	+ 0·66	+ 0·52	+ 0·17
	Quetta	+ 3·25	— 0·14	— 1·00	— 1·11	— 0·40	— 0·10	— 0·64	— 0·46	— 0·19	— 0·08	0	+ 0·15	— 0·72
KASHMIR	Leh	— 0·12	+ 0·18	+ 0·11	+ 0·35	— 0·05	— 0·19	+ 0·09	+ 0·34	— 0·11	— 0·36	+ 0·11	— 0·07	+ 0·28
PUNJAB	Abbottabad	— 1·39	+ 0·59	— 2·36	— 1·28	— 1·92	— 1·30	— 0·93	— 1·43	— 2·25	+ 0·42	+ 1·52	— 1·38	— 11·71
	Murree (Obsy.)	+ 2·06	+ 2·55	— 1·56	— 2·96	— 1·49	— 1·03	— 0·51	— 4·47	— 5·25	— 0·80	+ 1·09	— 0·49	— 12·86
	Chamba	— 3·58	+ 3·84	— 0·49	— 0·81	— 1·28	— 0·03	+ 2·37	+ 0·89	— 0·36	+ 0·58	+ 2·12	— 1·56	+ 1·69
	Dharmsala	— 0·20	— 0·13	— 2·67	— 0·95	— 2·68	— 6·39	+ 1·88	— 0·63	— 7·70	— 0·16	+ 2·47	— 2·02	— 19·24
	Kailang	— 2·90	+ 0·18	— 0·58	+ 1·23	+ 0·52	+ 0·53	+ 0·54	— 0·52	+ 3·27	+ 1·12	+ 1·07	+ 0·35	+ 4·85
	Kilba	— 5·15	— 2·54	— 1·30	— 1·52	+ 0·09	+ 0·03	— 0·12	— 1·01	— 0·25	+ 1·50	+ 1·85	— 1·36	— 9·78
	Simla (Obsy.)	+ 2·16	+ 0·40	— 1·35	— 1·50	— 3·40	— 2·24	— 1·21	— 0·25	+ 4·05	+ 0·46	+ 1·71	— 1·00	— 2·17
	Peshawar (Obsy.)	— 0·89	+ 0·11	— 0·29	— 1·53	— 0·54	— 0·12	— 0·80	— 0·53	— 0·80	— 0·22	+ 1·52	— 0·38	— 4·47
	Kohat	— 0·64	— 0·99	— 1·22	— 0·84	— 1·35	— 0·84	— 3·42	— 0·72	— 1·61	— 0·32	+ 1·23	— 0·49	— 10·31
	Bannu	— 0·05	— 0·12	— 0·96	— 1·31	— 0·69	— 0·86	+ 0·37	— 1·29	— 0·73	+ 0·48	+ 0·44	— 0·33	— 5·05
	Dera Ismail Khan.	+ 0·12	+ 0·04	— 0·72	— 0·71	— 0·36	— 0·27	— 1·28	— 0·38	— 0·52	— 0·12	+ 0·27	— 0·30	— 4·23
	Dera Ghazi Khan.	— 0·40	+ 1·71	— 0·55	— 0·34	— 0·38	— 0·29	— 1·85	+ 3·51	— 0·40	+ 0·24	+ 0·08	— 0·25	+ 1·08
	Muzaffargarh	— 0·30	+ 1·26	— 0·39	— 0·35	— 0·38	— 0·38	— 1·28	— 1·10	— 0·60	+ 0·11	+ 0·11	— 0·25	— 3·55
	Mooltan (Obsy.)	— 0·17	+ 0·92	— 0·34	— 0·32	— 0·44	— 0·39	— 0·30	+ 0·13	— 0·73	— 0·10	+ 0·02	— 0·23	— 1·95
	Jhang	+ 0·22	+ 0·10	— 0·78	— 0·41	— 0·30	— 0·17	— 2·54	— 0·05	— 0·69	— 0·03	+ 0·03	— 0·31	— 4·93
	Montgomery	— 0·24	+ 0·20	— 0·48	— 0·24	— 0·45	— 0·71	— 1·63	+ 0·18	— 0·95	— 0·17	— 0·05	— 0·22	— 4·76
	Shahpur	— 0·01	— 0·03	+ 0·28	— 0·61	— 0·27	— 0·70	— 0·20	+ 0·82	— 1·71	+ 0·43	+ 0·17	— 0·35	— 2·18

TABLE XXXI.—*Comparison of the monthly and total rainfall in 1888, with the averages of Table XXX*—continued.

PROVINCES.	STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
PUNJAB—*contd.*	Rawalpindi	+ 0·33	+ 0·37	— 0·90	— 0·72	— 1·42	— 0·31	+ 5·40	— 0·36	— 2·51	+ 0·08	+ 0·24	— 0·96	— 0·76
	Jhelum	+ 0·08	— 0·16	+ 0·10	— 1·00	+ 0·19	— 1·66	— 0·14	+ 5·67	— 2·29	— 0·28	— 0·12	+ 0·20	+ 0·59
	Gujrat	— 0·40	— 0·17	— 1·87	— 1·18	+ 0·10	— 2·30	— 4·68	+ 1·79	— 2·53	— 0·04	— 0·29	— 0·66	— 12·23
	Sialkot (Obsy.)	+ 1·78	+ 0·25	— 0·11	— 0·69	— 0·28	— 2·47	— 4·59	+ 6·16	— 2·97	— 0·15	— 0·30	— 0·58	— 3·95
	Gujranwala	+ 0·10	+ 0·18	+ 0·24	— 0·80	+ 0·05	— 1·30	— 3·69	+ 0·96	— 2·21	+ 0·40	— 0·24	— 0·56	— 6·87
	Gurdaspur	+ 1·68	— 0·51	— 1·40	+ 0·04	— 0·67	— 2·85	+ 1·22	+ 8·36	— 2·36	— 0·36	+ 0·18	— 0·87	+ 2·46
	Dhariwal	— 0·35	+ 0·36	— 1·97	— 0·06	— 0·71	— 1·58	— 1·78	+ 0·41	— 1·76	— 0·22	0	— 1·00	— 8·66
	Lahore	+ 0·24	— 0·36	— 0·47	— 0·43	— 0·87	— 1·23	— 3·43	+ 1·34	— 2·28	— 0·38	— 0·14	— 0·43	— 8·44
	Amritsar	— 0·42	— 0·36	— 0·83	— 0·58	— 0·87	— 1·76	— 3·77	+ 5·75	— 2·67	— 0·19	+ 0·07	— 0·55	— 6·18
	Ferozepore	— 0·42	— 0·07	— 0·57	— 0·35	— 0·62	— 1·53	— 1·71	+ 3·97	— 2·16	— 0·19	— 0·01	— 0·47	— 4·13
	Jullundur	+ 0·39	— 1·19	— 1·22	— 0·61	— 0·78	— 0·69	— 0·84	+ 0·37	— 2·22	— 0·47	+ 1·18	— 0·60	— 6·68
	Hoshiarpur	+ 0·91	— 1·37	— 0·88	— 0·44	— 0·94	+ 1·72	+ 9·44	+ 2·51	— 1·83	— 0·31	+ 2·56	— 1·14	+ 10·23
	Ludhiana	— 0·28	— 0·97	— 0·78	— 0·85	— 1·13	— 0·20	— 2·56	+ 0·20	+ 1·64	— 1·10	+ 0·06	— 0·82	— 6·79
	Umballa	— 0·24	— 0·22	— 0·62	+ 0·29	— 0·76	— 3·32	— 1·54	+ 1·81	+ 16·11	— 0·54	+ 0·36	— 0·64	+ 10·69
	Sirsa	— 0·45	+ 0·29	— 0·39	— 0·35	— 0·41	— 0·70	— 0·40	+ 0·17	— 1·23	+ 0·08	— 0·03	— 0·36	— 3·78
	Hissar	— 0·22	+ 0·47	— 0·47	— 0·25	— 0·65	— 1·36	+ 1·04	— 1·80	+ 0·15	— 0·30	+ 0·82	— 0·44	— 3·01
	Rohtak	— 0·56	+ 0·06	— 0·10	— 0·26	+ 1·11	— 1·07	— 1·87	— 0·16	+ 1·77	+ 0·17	— 0·02	— 0·47	— 1·40
	Delhi (Obsy.)	— 0·06	+ 0·85	— 0·08	— 0·23	+ 0·88	— 1·01	+ 0·19	+ 0·01	+ 4·16	— 0·23	+ 0·13	— 0·35	+ 4·26
	Gurgaon	— 0·49	+ 0·69	— 0·12	+ 0·24	+ 0·68	— 1·60	+ 0·84	+ 0·73	— 0·23	+ 0·07	— 0·02	— 0·29	+ 0·50
	Karnal	— 0·06	— 0·08	— 0·86	— 0·07	+ 0·07	— 3·35	+ 3·23	— 1·62	+ 7·28	+ 0·26	+ 0·90	— 0·40	+ 5·30
RAJPUTANA	Jeysulmere	— 0·05	+ 0·29	— 0·01	— 0·03	— 0·28	— 0·10	— 1·74	+ 0·52	— 0·66	+ 0·05	0	0	— 2·01
	Phalodi	— 0·06	+ 0·46	+ 0·02	— 0·07	— 0·27	— 0·35	— 1·58	+ 1·39	— 0·83	0	0	0	— 1·29
	Bickaneer	— 0·09	— 0·02	+ 0·46	— 0·13	— 1·30	+ 0·42	— 1·57	+ 4·10	— 1·22	+ 0·14	— 0·07	— 0·02	+ 0·70
	Nagar	+ 0·01	+ 0·47	+ 0·07	— 0·06	— 0·27	— 1·25	— 0·47	+ 3·18	— 2·94	— 0·07	0	0	— 1·33
	Didwana	— 0·06	+ 0·18	+ 0·21	+ 0·17	— 0·35	— 1·14	— 3·46	+ 5·65	— 2·29	+ 0·79	— 0·10	— 0·09	— 0·49
	Jhunjhnu	— 0·35	+ 1·33	+ 0·11	+ 0·36	— 0·58	— 1·63	— 2·13	— 0·02	+ 0·40	+ 1·22	0	— 0·21	— 1·50
	Khetri	?	?	?	?	?	?	— 7·87	+ 0·25	+ 2·05	+ 1·09	0	— 0·03	?
	Sikar	?	+ 0·13	+ 0·09	+ 0·33	— 0·20	— 1·46	— 3·96	+ 1·41	— 0·13	+ 0·93	— 0·03	— 0·04	?
	Sri Madhopur	— 0·31	+ 2·08	— 0·24	+ 0·14	— 0·86	— 2·67	— 7·91	+ 0·88	+ 0·13	— 0·06	0	— 0·33	— 9·15
	Ulwur	+ 0·63	+ 0·57	+ 0·31	+ 0·10	— 0·94	— 2·88	+ 7·61	+ 5·32	+ 0·38	+ 1·89	— 0·13	— 0·41	+ 12·45
	Bhurtpore	+ 0·41	+ 0·16	— 0·03	— 0·08	— 0·63	— 1·51	— 2·74	— 2·45	+ 0·20	— 0·23	+ 0·18	— 0·22	— 6·94
	Bandikui	+ 0·32	+ 0·72	+ 0·02	+ 0·14	— 0·77	— 1·06	— 3·41	— 1·81	+ 2·81	+ 0·01	+ 0·04	— 0·39	— 3·38
	Jeypore	+ 0·73	+ 0·75	— 0·02	+ 0·23	— 0·59	— 2·74	+ 2·17	+ 9·30	— 2·00	+ 0·97	+ 0·57	— 0·38	+ 8·99
	Sambhar	+ 0·23	+ 0·59	+ 0·90	+ 0·32	— 0·97	— 1·26	— 3·01	+ 7·89	— 3·16	— 0·29	+ 0·25	— 0·35	+ 1·14
	Kerowlee	+ 0·82	+ 0·61	— 0·07	— 0·05	— 0·53	— 2·27	+ 1·60	+ 5·04	— 1·62	+ 0·27	+ 0·48	— 0·22	+ 4·06
	Lalsot	+ 0·38	+ 0·15	0	0	— 0·06	— 2·12	— 1·07	— 1·01	— 2·26	+ 2·05	+ 0·37	— 0·13	— 3·70
	Tonk	+ 0·41	+ 0·98	+ 0·74	— 0·07	— 0·40	— 2·39	— 7·41	+ 1·55	— 2·87	— 0·32	+ 0·36	— 0·19	— 9·61
	Sewai Madhopur	— 0·02	+ 0·25	+ 0·18	0	— 0·33	— 3·98	— 3·35	— 0·72	— 1·24	+ 0·19	+ 0·11	— 0·21	— 9·12
	Deoli	— 0·01	+ 0·98	— 0·08	— 0·16	— 1·03	— 2·29	— 4·00	+ 8·05	— 4·65	— 0·37	— 0·10	— 0·17	— 3·83
	Kotah	+ 0·52	+ 0·43	— 0·06	— 0·02	— 0·99	— 1·37	— 0·19	+ 3·10	— 3·76	— 0·08	— 0·04	— 0·29	— 2·75
	Jhalrapatan	+ 0·17	— 0·02	— 0·09	— 0·01	— 0·56	— 3·50	— 2·75	+ 4·29	— 4·50	+ 0·15	+ 0·36	— 0·42	— 6·88

TABLE XXXI.—*Comparison of the monthly andtotal rainfall in 1888, with the averages of Table XXX*—continued.

PROVINCES.	STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
RAJPUTANA —*contd.*	Ajmere	+ 0·23	+ 1·86	— 0·30	— 0·09	— 0·67	— 1·25	— 1·27	+ 6·31	— 3·17	— 0·05	+ 0·46	— 0·25	+ 1·81
	Nusseerabad	+ 0·71	— 0·15	— 0·09	— 0·04	— 0·6	— 1·02	— 3·51	+ 4·84	— 2·94	— 0·14	+ 0·08	— 0·25	— 3·12
	Malpura	+ 0·34	+ 0·43	+ 0·60	— 0·01	— 0·3	— 0·80	— 2·38	+ 8·57	— 0·92	— 0·01	+ 0·03	— 0·09	+ 5·46
	Beawar	+ 0·37	— 0·11	+ 0·34	— 0·10	— 0·35	— 1·53	— 5·28	+ 4·97	— 2·81	— 0·20	— 0·14	— 0·19	— 5·07
	Jodhpore	+ 0·04	+ 0·41	— 0·03	— 0·07	— 0·50	— 1·16	— 1·95	+ 8·41	— 2·00	— 0·19	— 0·04	— 0·07	+ 2·79
	Pachpadra	+ 0·09	+ 0·61	— 0·08	0	— 0·60	— 0·52	— 1·59	+ 0·60	— 1·90	— 0·05	0	— 0·04	— 3·54
	Jasol	+ 0·76	+ 0·42	— 0·13	0	— 0·11	— 1·60	— 1·65	+ 4·28	— 1·14	— 0·03	0	0	+ 0·80
	Barmer	+ 0·48	+ 0·46	+ 0·03	— 0·02	— 0·05	— 0·89	— 2·68	+ 0·47	— 1·23	— 0·04	— 0·01	0	— 3·48
	Pali	+ 0·33	+ 0·32	0	0	— 0·25	— 1·32	— 2·61	+ 4·98	— 1·19	— 0·14	0	0	+ 0·08
	Shahpoora	+ 0·25	+ 0·26	— 0·13	— 0·05	— 0·9	— 1·16	— 3·17	+ 8·75	— 4·30	— 0·45	0	— 0·18	— 1·09
	Erinpura	+ 1·05	+ 0·62	— 0·09	— 0·03	— 0·41	— 0·69	— 3·62	+ 6·52	— 2·66	— 0·41	— 0·07	— 0·11	+ 0·10
	Sirohee	+ 0·47	+ 1·06	0	0	— 0·48	— 2·01	— 6·50	— 0·34	— 2·32	0	0	0	— 10·12
	Mount Abu	+ 1·55	+ 0·80	— 0·14	— 0·04	— 0·97	— 3·31	— 12·20	+ 4·70	— 8·47	— 1·89	+ 0·43	— 0·22	— 19·58
	Kotra	+ 1·18	+ 1·25	— 0·01	— 0·02	— 0·51	— 2·29	— 7·81	— 0·47	— 5·44	— 0·22	+ 0·61	— 0·11	— 13·84
	Oodeypore	+ 0·94	+ 0·48	— 0·63	— 0·04	— 0·50	— 1·34	— 4·48	+ 1·67	— 5·79	— 0·36	+ 0·42	— 0·06	— 9·09
	Partabgarh	+ 0·03	+ 0·10	— 0·02	0	— 0·41	— 2·57	— 5·67	+ 3·46	— 5·32	— 1·11	+ 0·52	— 0·15	— 11·14
	Kherwara	+ 0·39	+ 0·90	— 0·03	— 0·02	— 0·38	— 2·69	— 3·10	+ 0·80	— 4·05	— 0·62	+ 1·37	— 0·08	— 7·51
	Banswara	+ 0·03	+ 0·43	0	0	— 0·28	— 2·10	— 8·01	+ 1·48	— 7·71	— 0·96	+ 0·15	— 0·36	— 17·33
CENTRAL INDIA.	Neemuch (Obsy.)	+ 0·78	+ 0·23	— 0·10	+ 1·09	— 0·50	— 3·52	— 2·97	— 2·43	— 4·65	— 0·63	+ 0·45	— 0·24	— 12·49
	Sirdarpore	+ 0·63	+ 0·06	— 0·01	— 0·01	— 0·19	— 1·46	+ 9·04	— 0·24	— 3·53	— 0·52	— 0·22	— 0·13	+ 3·44
	Agar	+ 1·92	+ 1·81	— 0·04	— 0·07	— 0·56	— 2·42	— 6·33	— 2·17	— 2·77	— 0·49	— 0·16	— 0·43	— 11·71
	Rutlam	+ 0·63	+ 0·07	+ 0·09	— 0·01	— 0·44	— 3·48	— 8·52	— 1·90	— 6·22	— 0·94	— 0·29	— 0·12	— 21·18
	Indore	— 0·11	+ 1·27	— 0·02	— 0·11	— 0·57	+ 1·50	— 2·80	— 4·59	— 4·53	+ 0·27	— 0·12	— 0·20	— 10·01
	Bhopal (Sehore)	+ 1·11	+ 2·55	— 0·02	— 0·02	— 0·28	— 2·26	— 8·70	— 2·36	+ 0·05	— 1·05	+ 0·17	— 0·56	— 11·37
	Goona	— 0·10	+ 1·74	+ 0·20	— 0·07	— 0·50	— 5·10	+ 0·39	+ 14·98	— 0·92	— 0·16	— 0·05	— 0·17	+ 10·24
	Morar	+ 0·13	+ 0·33	— 0·15	— 0·10	— 0·47	— 2·48	+ 3·82	— 2·82	+ 0·94	— 0·15	— 0·01	— 0·33	— 1·29
	Nowgong	— 0·16	+ 1·12	— 0·18	— 0·09	— 0·30	— 1·79	+ 3·02	+ 21·99	+ 1·68	— 1·08	+ 0·02	— 0·48	+ 23·75
	Sutna	+ 0·28	— 0·16	— 0·07	— 0·06	— 0·33	— 3·61	+ 8·81	+ 7·01	+ 1·25	— 1·93	+ 0·12	— 0·40	+ 10·91
	Nagode	— 0·48	— 0·20	— 0·26	— 0·18	— 0·42	— 1·23	+ 8·18	+ 7·93	— 4·18	— 2·17	+ 0·08	— 0·44	+ 6·63
	Maihar	+ 0·12	+ 0·16	— 0·23	— 0·04	— 0·38	— 2·15	+ 2·85	+ 16·42	+ 1·32	— 1·99	+ 0·35	— 0·70	+ 15·73
	Rewah	— 0·02	— 0·35	— 0·16	— 0·25	— 0·42	— 4·35	+ 0·20	+ 6·27	— 1·00	— 2·21	+ 0·32	— 0·37	— 2·34
	Chandia	+ 0·01	— 0·09	— 0·22	— 0·02	— 0·40	— 2·72	+ 2·21	+ 3·64	+ 0·41	— 2·81	— 0·08	— 0·62	— 0·69
	Ramnagar	+ 0·01	+ 0·48	— 0·10	— 0·01	— 0·17	— 4·80	+ 0·54	+ 11·80	+ 2·00	— 2·30	— 0·13	— 0·73	+ 6·39
	Sihawal (Bardi)	+ 0·48	+ 0·41	— 0·62	+ 0·04	+ 0·69	— 3·26	+ 3·86	+ 14·00	— 0·28	— 2·49	+ 1·31	— 0·75	+ 13·39
	Sitlaha (Teonthar)	— 0·53	+ 0·20	+ 0·07	— 0·02	— 0·33	— 4·09	+ 5·78	+ 5·75	+ 0·61	— 2·82	+ 0·19	— 0·78	+ 4·03
	Sohagpur	+ 0·52	— 0·24	— 0·46	— 0·41	— 0·29	+ 1·48	+ 7·30	+ 15·30	— 1·63	— 2·74	+ 2·32	— 0·77	+ 20·38
N.-W. PROVINCES.	Chakrata	+ 1·14	— 0·34	— 2·27	— 1·06	— 0·23	— 2·90	+ 6·33	+ 3·26	+ 3·90	+ 0·70	+ 2·06	— 0·86	+ 9·73
	Mussooree	+ 0·25	+ 0·81	— 1·51	— 1·19	— 0·82	— 7·88	+ 16·91	— 11·74	+ 3·78	— 0·50	+ 3·29	— 1·02	+ 0·38
	Srinagar	— 0·82	— 1·59	— 1·39	— 0·17	+ 0·31	— 3·37	+ 0·45	— 2·98	+ 4·40	— 0·46	+ 1·59	— 0·69	— 4·72
	Pauri	— 0·47	— 1·26	— 1·11	— 1·14	— 0·81	— 3·30	+ 1·39	— 2·74	+ 4·60	— 0·55	+ 1·24	— 0·39	— 4·54
	Ranikhet	+ 0·57	— 0·10	— 0·57	— 0·89	— 0·12	— 3·18	+ 6·15	+ 2·27	+ 9·92	— 0·81	+ 0·82	— 0·87	+ 13·19

TABLE XXXI.—*Comparison of the monthly and total rainfall in 1888, with the averages of Table XXX.*—continued.

PROVINCES.	STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
N.-W. PROVINCES—*contd.*	Almora	+ 0·49	— 0·51	— 0·31	— 0·02	+ 0·10	— 2·73	+ 4·53	+ 0·27	+ 6·87	— 0·59	+ 0·81	— 0·61	+ 8·30
	Pithoragarh	+ 0·08	— 1·17	+ 0·21	— 0·95	+ 0·24	— 2·94	+ 0·35	+ 0·37	+ 9·58	— 1·24	+ 0·42	— 0·74	— 4·21
	Naini Tal	— 2·15	+ 0·61	+ 2·20	— 0·14	— 0·31	— 4·05	+ 17·06	— 4·28	+ 26·29	— 1·32	+ 1·09	— 1·26	+ 33·74
	Dehra Dun	+ 2·49	— 0·87	— 0·97	— 0·63	— 0·30	— 6·35	+ 4·38	+ 7·41	+ 4·62	— 0·41	+ 1·63	— 0·41	+ 10·56
	Saharanpur	— 0·19	— 0·76	— 0·87	— 0·32	— 0·74	— 2·75	+ 1·52	— 0·62	+ 17·05	— 0·46	+ 1·11	— 0·66	+ 12·26
	Roorkee	— 0·52	+ 0·07	— 0·49	— 0·18	— 0·51	— 3·74	— 1·02	+ 0·75	+ 14·57	— 0·38	+ 0·85	— 0·37	+ 9·04
	Muzaffarnagar	— 0·76	— 0·48	+ 0·18	+ 0·64	— 0·84	— 2·92	+ 4·57	— 3·28	+ 11·99	+ 0·99	+ 0·40	— 0·30	+ 10·20
	Bijnor	+ 0·21	— 0·42	— 0·20	+ 0·13	— 0·32	— 3·83	+ 8·64	— 1·50	+ 9·99	— 0·39	+ 0·07	— 0·32	+ 12·95
	Meerut	— 0·09	+ 0·63	— 0·12	— 0·38	— 0·11	— 2·31	+ 4·87	— 0·43	+ 7·04	— 0·24	+ 0·43	— 0·33	+ 8·97
	Moradabad	— 0·03	— 0·21	+ 0·05	— 0·32	+ 0·48	— 3·77	+ 4·90	+ 0·99	+ 3·51	— 0·68	— 0·07	— 0·39	+ 4·46
	Rudarpur	+ 0·63	— 0·69	— 0·29	+ 0·34	+ 0·30	— 5·51	+ 8·38	— 5·42	+ 18·06	— 0·75	+ 0·05	— 0·49	+ 14·73
	Pilibhit	+ 1·22	— 0·68	— 0·58	— 0·30	— 0·04	— 2·83	+ 14·46	+ 1·74	+ 3·56	— 1·15	+ 0·32	— 0·53	+ 15·19
	Bulandshahr	— 0·28	+ 0·79	— 0·38	— 0·23	+ 0·18	— 0·57	— 0·55	+ 0·09	+ 6·88	+ 0·05	— 0·04	— 0·42	+ 5·52
	Bareilly	+ 0·14	— 0·25	+ 0·07	— 0·25	— 0·60	— 4·75	+ 8·09	— 5·41	+ 9·02	— 1·20	+ 0·49	— 0·30	+ 5·05
	Budaun	+ 0·57	+ 0·68	— 0·48	— 0·11	— 0·47	— 3·38	+ 16·78	— 1·46	+ 8·00	— 0·80	+ 0·38	— 0·29	+ 18·82
	Shahjahanpur	+ 0·83	— 0·39	— 0·37	— 0·17	+ 0·50	— 3·95	+ 6·45	+ 1·85	+ 1·72	— 1·20	+ 0·41	— 0·28	+ 5·40
	Aligarh	+ 0·64	+ 0·15	— 0·40	— 0·18	— 0·48	— 2·52	— 2·83	— 1·40	+ 6·95	— 0·36	— 0·02	— 0·28	— 0·73
	Muttra	+ 0·06	— 0·02	— 0·09	— 0·14	— 0·34	— 2·51	— 1·44	+ 1·81	+ 2·78	— 0·08	+ 0·13	— 0·25	— 0·09
	Agra	+ 0·36	— 0·01	0	— 0·16	— 0·43	— 2·14	— 1·10	+ 0·76	+ 5·23	— 0·28	+ 0·20	— 0·23	+ 2·20
	Etah	+ 0·71	— 0·18	— 0·53	— 0·09	— 0·48	— 2·18	+ 4·28	— 3·24	+ 6·44	— 0·79	+ 0·25	— 0·22	+ 3·97
	Mainpuri	— 0·34	— 0·11	— 0·27	— 0·12	— 0·44	— 1·88	+ 17·18	+ 2·03	+ 3·64	— 0·09	+ 0·25	— 0·34	+ 19·51
	Farrukhabad	+ 0·44	— 0·11	— 0·31	— 0·10	— 0·54	— 3·22	+ 16·20	+ 7·90	— 0·96	— 1·04	+ 0·06	— 0·28	+ 18·04
	Etawah	+ 0·83	+ 0·27	— 0·09	— 0·14	— 0·45	— 1·55	+ 8·15	+ 5·21	— 2·49	— 0·91	— 0·08	— 0·26	+ 8·54
	Cawnpore	+ 0·92	— 0·11	+ 0·05	— 0·15	— 0·38	— 2·00	+ 13·80	+ 13·04	+ 0·66	— 1·16	— 0·06	— 0·22	+ 24·39
	Fatehpur	+ 0·27	+ 0·34	— 0·24	— 0·15	+ 0·54	— 2·33	+ 7·83	+ 15·24	— 3·16	— 1·25	— 0·06	— 0·28	+ 16·75
	Jalaun (Orai)	— 0·19	+ 0·12	— 0·17	— 0·06	— 0·21	— 1·63	+ 4·03	+ 3·56	— 0·07	— 0·68	— 0·01	— 0·24	+ 4·45
	Hamirpur	+ 1·11	+ 0·54	— 0·06	— 0·09	— 0·24	— 3·05	+ 14·69	+ 8·30	— 1·63	— 0·95	+ 0·04	— 0·32	+ 18·35
	Banda	+ 0·10	— 0·04	— 0·16	+ 0·07	— 0·34	— 3·62	+ 17·97	+ 18·81	+ 0·19	— 1·27	+ 0·05	— 0·26	+ 31·59
	Allahabad	— 0·01	— 0·17	— 0·40	— 0·09	— 0·31	— 3·28	+ 13·52	+ 8·11	— 0·15	— 2·19	— 0·06	— 0·23	+ 14·74
	Basti	+ 0·43	— 0·30	+ 0·07	— 0·22	— 0·60	— 4·54	+ 0·19	— 0·73	+ 7·49	— 2·53	— 0·01	— 0·14	— 0·98
	Gorakhpur	+ 0·20	— 0·51	+ 0·08	+ 0·72	— 0·80	— 4·09	+ 2·05	— 4·44	+ 4·50	— 3·14	— 0·13	— 0·13	— 5·63
	Azamgarh	+ 0·28	— 0·42	— 0·34	— 0·16	— 0·75	— 2·71	— 0·82	+ 4·74	+ 3·27	— 2·41	— 0·08	— 0·14	+ 0·46
	Jaunpur	+ 0·25	— 0·36	— 0·31	— 0·14	+ 0·3	— 2·49	+ 2·59	+ 1·95	— 1·35	— 2·91	+ 0·55	— 0·13	— 2·00
	Benares	+ 0·20	— 0·42	— 0·35	— 0·15	+ 0·67	— 0·05	+ 4·05	+ 8·88	+ 0·08	— 2·08	+ 0·52	— 0·15	+ 11·20
	Mirzapur	+ 0·01	— 0·57	— 0·35	— 0·13	— 0·54	— 3·02	+ 7·63	+ 6·23	+ 2·09	— 2·11	+ 0·05	— 0·18	+ 9·08
	Ghazipur	— 0·37	— 0·50	— 0·30	— 0·12	— 0·72	— 2·32	+ 3·51	+ 11·12	+ 6·90	— 2·64	— 0·16	— 0·14	+ 14·26
	Ballia	+ 0·71	— 0·46	— 0·21	— 0·32	— 0·91	— 4·44	+ 2·76	+ 2·41	— 0·30	— 2·71	+ 0·18	— 0·14	— 3·43
	Dudhi	+ 1·05	— 0·11	— 0·42	— 0·20	— 0·57	— 1·70	+ 10·15	+ 4·64	+ 0·34	— 3·16	— 0·05	— 0·27	+ 9·74
	Robertsganj	+ 0·18	— 0·40	— 0·25	— 0·23	— 0·82	— 3·38	+ 10·52	+ 9·90	+ 0·99	— 2·60	+ 0·70	— 0·25	+ 14·36
	Jhansi	+ 0·23	+ 1·63	+ 0·08	+ 0·13	— 0·23	— 1·49	— 0·25	+ 4·36	+ 0·49	— 0·72	— 0·01	— 0·21	+ 4·09
	Lalitpur	— 0·30	+ 1·17	+ 0·12	— 0·14	— 0·56	— 3·53	— 1·26	+ 8·90	— 1·88	— 0·95	— 0·15	— 0·33	+ 1·03

TABLE XXXI.—*Comparison of the monthly and total rainfall in 1888, with the averages of Table XXX*—continued.

PROVINCES.	STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
OUDH	Kheri	+ 0·25	— 0·62	— 0·58	— 0·17	— 0·46	— 5·10	+ 5·07	+ 2·28	+ 1·60	— 1·66	+ 0·10	— 0·45	+ 0·29
	Sitapur	+ 0·58	— 0·34	+ 0·15	— 0·33	— 0·41	— 0·31	+ 2·07	— 0·19	+ 2·28	— 1·51	+ 0·09	— 0·40	+ 1·68
	Bahraich	+ 0·29	— 0·74	+ 0·12	+ 1·20	— 0·67	— 2·30	— 6·11	— 1·21	+ 1·52	— 1·69	+ 0·25	— 0·46	— 9·80
	Gonda	+ 0·29	— 0·38	+ 0·44	+ 0·39	+ 0·57	— 2·92	+ 6·31	+ 6·97	— 0·55	— 1·33	— 0·04	— 0·31	+ 3·44
	Hardoi	+ 0·24	— 0·25	+ 0·10	— 0·20	— 0·46	— 3·47	+ 3·52	+ 10·29	+ 1·63	— 1·42	0	— 0·40	+ 9·64
	Nawabganj (Bara Banki)	+ 0·24	— 0·14	+ 0·44	— 0·21	— 0·13	— 3·67	+ 5·01	— 1·76	— 1·98	— 1·00	0	— 0·55	— 3·75
	Lucknow	+ 0·42	+ 0·08	+ 0·30	— 0·12	— 0·82	— 1·87	+ 5·06	+ 5·79	— 0·61	— 1·27	+ 0·07	— 0·47	+ 6·65
	Unao	+ 0·70	— 0·18	+ 0·00	— 0·13	— 0·13	— 2·62	+ 9·74	+ 11·54	— 0·51	— 1·45	0	— 0·37	+ 16·61
	Fyzabad	+ 0·73	— 0·31	+ 0·34	— 0·23	— 0·19	— 1·43	+ 11·14	+ 2·41	+ 11·51	— 1·78	+ 0·07	— 0·23	+ 22·03
	Sultanpur	+ 0·60	— 0·17	— 0·2	— 0·26	— 0·41	+ 0·02	+ 6·23	+ 2·35	— 0·79	— 1·84	— 0·03	— 0·24	+ 5·26
	Rae Bareli	+ 0·98	+ 0·53	— 0·17	— 0·11	— 0·06	— 2·28	+ 3·56	+ 11·06	+ 0·75	— 1·12	+ 0·06	— 0·26	+ 12·94
	Partabgarh	— 0·18	— 0·08	— 0·27	— 0·05	— 0·35	— 1·49	+ 11·55	+ 1·09	+ 0·60	— 1·82	+ 0·04	— 0·28	+ 8·76
NEPAL	Katmandu	+ 0·48	— 0·82	+ 2·40	+ 2·27	— 1·56	— 5·67	+ 3·77	— 1·48	— 0·31	— 2·26	— 0·18	— 0·27	— 3·63
	Motiharee	— 0·11	— 0·28	— 0·51	+ 1·30	+ 0·30	— 1·31	+ 1·34	— 5·01	— 1·98	— 3·56	+ 0·15	— 0·15	— 9·62
	Durbhunga	+ 0·07	— 0·43	+ 0·76	+ 1·59	+ 0·77	— 1·45	+ 2·34	— 4·44	— 4·95	— 2·82	— 0·06	— 0·17	— 8·79
	Sewan	+ 0·04	— 0·48	— 0·23	+ 0·26	— 1·30	— 3·62	— 0·[illegible]	+ 2·00	+ 3·41	— 3·81	+ 0·14	— 0·14	— 3·75
	Buxar	+ 0·36	— 0·30	— 0·27	— 0·15	— 0·12	— 2·25	+ 1·04	+ 3·33	+ 3·82	— 2·59	— 0·14	— 0·21	+ 2·52
	Chupra	+ 0·49	— 0·44	— 0·10	— 0·28	— 0·38	— 4·08	+ 3·58	+ 2·97	— 1·87	— 2·93	+ 0·24	— 0·09	— 2·89
	Arrah	+ 0·15	— 0·54	— 0·49	— 0·51	— 0·98	— 5·68	+ 5·28	+ 7·39	— 2·77	— 2·51	+ 0·26	— 0·14	— 0·54
	Patna (Bankipur)	+ 0·14	— 0·46	— 0·34	— 0·24	— 0·98	— 4·09	+ 4·06	+ 6·95	— 4·54	— 2·83	+ 0·37	— 0·16	— 2·10
	Mozufferpore	— 0·06	— 0·47	— 0·22	+ 1·17	— 1·28	+ 1·12	+ 7·09	— 0·67	— 4·47	— 2·93	+ 0·19	— 0·07	— 0·60
	Barh	— 0·12	— 0·43	— 0·34	— 0·12	— 0·79	— 3·58	+ 8·69	+ 7·55	+ 3·32	— 3·03	+ 0·74	— 0·12	+ 11·77
	Sasseram	+ 0·50	— 0·48	— 0·16	— 0·12	— 0·89	— 4·21	+ 2·61	+ 6·56	+ 0·18	— 3·48	+ 0·42	— 0·28	+ 0·65
	Gya	+ 0·93	— 0·50	— 0·34	— 0·31	— 1·02	— 3·07	— 1·72	+ 17·98	+ 0·70	— 1·94	+ 0·90	— 0·19	+ 11·42
	Jamooee	+ 0·23	— 0·51	— 0·43	— 0·10	— 1·08	— 2·73	+ 0·86	+ 13·12	— 2·83	— 1·45	+ 0·13	— 0·02	+ 5·19
	Muddehpoora	— 0·05	— 0·47	+ 0·85	+ 2·19	+ 4·56	— 5·25	+ 9·36	+ 1·25	— 0·44	— 4·32	+ 0·18	— 0·08	+ 7·78
BENGAL	Monghyr	+ 0·10	— 0·59	— 0·43	— 0·17	+ 0·86	— 5·35	+ 13·23	+ 3·40	+ 1·51	— 3·78	+ 0·10	— 0·10	+ 8·78
	Bhagalpur	— 0·12	— 0·64	— 0·39	+ 0·12	+ 2·31	— 6·22	+ 12·17	+ 6·08	— 1·50	— 3·86	— 0·10	— 0·09	+ 7·76
	Godda	+ 0·01	— 0·44	— 0·40	— 0·13	— 0·71	— 1·61	+ 1·96	+ 7·70	— 3·62	— 2·11	+ 0·20	— 0·08	+ 0·77
	Palamow	+ 1·07	+ 0·13	— 0·65	— 0·29	— 1·12	— 2·43	+ 6·22	+ 8·60	— 0·05	— 2·66	— 0·33	— 0·28	+ 8·21
	Hazaribagh	+ 1·09	— 0·36	— 0·62	— 0·35	— 0·99	— 6·32	+ 7·75	+ 11·94	— 2·66	— 2·26	— 0·17	— 0·22	+ 6·89
	Ranchee	+ 0·41	— 0·27	— 1·30	— 0·62	+ 0·21	— 4·59	+ 6·56	+ 8·43	— 0·31	— 2·70	— 0·15	— 0·21	+ 5·46
	Lohardugga	+ 1·50	+ 0·57	— 0·20	— 0·19	— 1·82	— 4·79	+ 2·08	+ 3·74	— 2·10	— 1·63	— 0·28	— 0·55	— 3·67
	Nya Doomka	— 0·07	— 0·22	— 0·39	+ 0·18	— 1·91	— 4·30	— 1·10	+ 12·29	— 6·13	— 2·37	+ 1·12	+ 0·06	— 2·84
	Gobindpur	— 0·03	— 0·46	— 0·08	— 0·58	— 0·53	— 4·74	— 1·18	+ 2·29	— 1·44	— 2·88	+ 0·42	— 0·19	— 9·40
	Purulia	+ 0·81	+ 0·25	— 0·89	— 0·17	— 0·57	— 4·60	+ 9·03	+ 8·04	+ 1·33	— 3·55	+ 0·49	— 0·18	— 9·99
	Sirguja	+ 1·75	— 0·20	— 0·73	— 0·35	— 0·52	— 8·36	— 2·09	+ 3·51	— 3·36	— 1·48	— 0·56	— 0·50	— 12·89
	Jushpore	+ 2·81	+ 0·31	— 1·39	— 0·21	— 1·02	— 7·43	+ 0·26	+ 7·15	— 4·03	— 3·36	— 0·24	— 0·19	+ 0·72
	Gangpur	+ 0·76	+ 2·80	— 0·08	— 1·10	— 1·15	— 6·63	— 1·28	+ 8·13	— 7·83	—	— 0·96	— 0·76	— 9·96
	Chybassa	+ 0·92	+ 0·91	— 1·21	— 0·55	— 1·68	— 4·97	— 1·94	+ 3·47	— 3·06	— 2·89	+ 0·41	— 0·35	— 10·94
	Barreepudda	+ 0·10	+ 1·61	— 1·08	— 0·59	+ 1·52	— 5·98	+ 1·31	+ 6·09	— 2·10	— 3·15	+ 0·86	— 0·21	— 2·62

TABLE XXXI.—*Comparison of the monthly and total rainfall in 1888, with the averages of Table XXX*—continued.

PROVINCES.	STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
BENGAL—*contd.*	Keunjhar	+ 0·32	+ 0·39	— 0·23	— 0·62	— 1·45	— 3·22	— 7·34	+ 4·80	— 1·23	— 0·65	+ 0·23	— 0·32	— 9·32
	Jellassore	+ 0·64	— 0·15	— 0·53	+ 0·90	+ 4·12	— 3·86	— 0·84	+ 7·92	— 0·12	— 4·34	+ 0·36	— 0·11	+ 3·99
	Balasore	+ 1·12	+ 2·94	— 0·80	— 1·15	+ 0·48	— 8·52	— 1·72	+ 8·08	+ 4·20	— 4·53	— 0·62	— 0·24	— 0·76
	Bhuddruck	+ 1·08	+ 1·54	— 0·08	— 0·94	+ 0·06	— 6·11	— 0·95	+ 7·26	— 2·69	— 3·21	+ 0·98	— 0·37	— 3·43
	Talcher	+ 0·80	+ 0·88	— 1·11	— 0·29	+ 1·38	— 4·81	— 5·47	+ 13·10	— 2·50	— 2·46	— 0·10	— 0·44	— 1·02
	Narsingpur	?	?	?	?	?	?	— 1·18	+ 4·35	— 1·16	— 2·46	+ 0·98	— 0·24	?
	Angul	+ 1·14	+ 0·56	— 0·68	— 0·28	— 1·23	— 4·85	— 2·80	+ 0·16	— 2·04	— 4·27	+ 0·37	— 0·70	— 14·62
	Dhenkanal	+ 1·71	+ 1·12	— 1·08	— 0·50	+ 0·25	— 6·52	— 5·39	+ 9·79	+ 0·57	— 3·13	+ 0·25	— 0·57	— 3·50
	Bispara	+ 2·35	+ 0·41	— 0·42	— 0·16	+ 2·09	— 8·22	— 1·21	+ 2·07	— 0·94	— 2·60	+ 0·67	— 0·60	— 6·56
	Kunjabangar	+ 0·44	— 0·45	— 1·37	— 1·60	+ 0·53	— 3·64	— 4·75	— 0·67	— 5·53	— 3·51	+ 0·88	— 0·25	— 19·92
	Banki (Charchika)	+ 0·44	+ 0·16	— 1·43	— 0·07	— 1·83	— 3·69	— 2·38	+ 8·18	— 1·85	— 2·79	+ 0·32	— 0·64	— 5·58
	Cuttack	+ 0·44	+ 0·06	+ 0·94	— 1·41	— 0·17	— 9·47	— 3·52	+ 13·77	+ 0·33	— 4·04	+ 1·75	— 0·48	— 1·80
	False Point	+ 3·16	+ 0·61	— 1·08	— 2·11	— 2·38	— 6·31	+ 2·72	+ 4·63	— 2·21	— 7·13	+ 0·92	— 0·64	— 9·82
	Pooree	+ 0·93	+ 0·79	— 0·51	— 0·88	+ 1·40	— 5·45	— 6·40	+ 3·54	— 3·18	— 5·58	+ 5·55	— 0·73	— 10·52
	Darjeeling	— 0·10	— 0·19	— 1·33	— 0·79	— 3·66	— 15·60	+ 9·05	— 3·49	— 5·52	— 5·97	+ 0·29	— 0·21	— 27·52
	Mongpoo	— 0·28	+ 0·18	— 0·08	+ 1·19	— 5·95	— 16·34	+ 9·45	— 7·73	— 5·45	— 3·54	+ 0·65	— 0·17	— 28·09
	Pedong	— 0·36	+ 0·98	— 0·03	— 0·39	— 3·21	— 1·38	+ 8·82	— 0·14	— 3·66	— 1·89	— 0·13	— 0·61	— 2·00
	Baxa	+ 1·35	— 0·36	+ 2·94	— 0·59	— 9·06	— 1·54	— 4·76	— 13·02	— 7·95	— 4·13	+ 0·44	— 0·57	— 37·25
	Jalpaiguri	+ 0·31	— 0·17	+ 1·57	+ 4·88	— 6·36	+ 0·61	+ 9·69	— 5·87	— 9·98	— 4·00	+ 0·06	— 0·08	— 9·34
	Cooch Behar	— 0·16	— 0·15	+ 1·96	+ 2·58	— 2·94	— 3·53	— 0·45	— 6·51	— 13·32	— 3·96	+ 0·69	— 0·10	— 25·89
	Kissengunge	— 0·45	— 0·44	— 0·01	+ 9·49	+ 1·59	— 7·65	+ 1·02	— 8·59	— 7·43	— 2·95	+ 0·43	— 0·14	— 15·13
	Purneah	— 0·23	— 0·42	+ 0·25	+ 2·08	+ 1·20	— 9·19	+ 3·99	+ 0·85	— 9·13	— 3·76	+ 0·20	— 0·15	— 14·33
	Rungpore	— 0·29	— 0·29	— 1·93	+ 1·97	+ 1·12	— 9·38	— 7·90	+ 0·27	— 5·55	— 4·66	+ 0·67	— 0·11	— 22·22
	Dinagepore	— 0·19	— 0·57	— 0·13	+ 4·38	+ 7·25	— 8·98	+ 3·41	— 2·66	— 7·72	— 4·72	+ 0·15	— 0·10	— 9·88
	Maldah	— 0·62	— 0·54	— 0·84	— 1·28	— 1·26	— 8·44	+ 3·98	+ 11·00	— 3·84	— 2·43	+ 0·01	— 0·25	— 4·51
	Bogra	— 0·36	— 0·46	— 0·72	— 0·02	+ 1·85	— 9·67	— 7·95	— 0·54	— 6·04	— 4·26	— 0·28	— 0·11	— 28·56
	Rampore Bauleah	— 0·29	— 0·89	— 0·24	+ 0·43	— 1·59	— 7·93	— 3·79	— 1·53	— 3·10	— 2·67	— 0·05	— 0·08	— 21·73
	Pubna	— 0·21	+ 0·43	+ 0·42	+ 2·83	— 2·74	— 5·37	+ 4·02	— 2·02	— 6·42	— 4·20	+ 0·25	— 0·11	— 13·12
	Soory	+ 0·09	— 0·38	+ 0·58	+ 0·34	+ 0·05	— 4·10	+ 2·96	+ 7·97	— 3·27	— 2·50	+ 1·19	— 0·16	+ 2·77
	Bankoora	+ 0·80	— 0·19	— 1·37	+ 0·11	— 0·44	— 1·19	+ 0·76	+ 4·11	— 4·09	— 2·80	+ 0·95	— 0·17	— 3·52
	Burdwan	+ 1·08	+ 0·34	— 1·22	— 1·16	— 2·86	— 4·62	+ 1·77	+ 1·35	+ 0·38	— 3·69	+ 2·11	— 0·17	— 6·69
	Hooghly	+ 0·57	— 0·25	— 1·09	— 0·13	— 2·75	+ 1·69	+ 4·12	+ 10·96	— 1·44	— 0·44	+ 1·52	— 0·26	+ 12·50
	Howrah	+ 0·38	+ 0·18	— 0·69	+ 1·62	— 0·06	— 6·05	+ 0·27	+ 15·47	— 0·10	— 1·76	+ 2·64	— 0·27	+ 11·63
	Midnapore	+ 0·16	+ 1·00	— 1·21	+ 1·19	+ 0·03	— 5·89	+ 9·60	+ 10·95	— 0·63	— 2·47	— 0·13	— 0·28	+ 12·32
	Tumlook	+ 0·44	+ 0·88	— 0·87	+ 0·34	— 2·30	— 4·78	+ 4·65	+ 12·84	+ 3·85	— 2·79	— 0·19	— 0·26	+ 11·81
	Berhampore	— 0·11	+ 0·11	+ 0·04	+ 0·81	— 1·67	— 5·26	+ 1·40	+ 4·02	— 4·38	— 4·57	+ 1·70	— 0·12	— 7·94
	Kishnaghur	+ 0·19	— 0·37	— 0·53	— 0·42	— 4·08	— 2·10	+ 10·69	+ 15·24	— 1·97	+ 0·96	+ 0·71	— 0·15	+ 18·17
	Furreedpore	+ 0·38	+ 0·28	+ 2·91	+ 2·99	— 4·17	— 5·14	+ 4·31	+ 2·27	— 0·97	— 3·51	+ 0·02	— 0·12	— 0·75
	Jessore	+ 0·91	+ 0·26	— 0·24	+ 0·17	— 4·43	— 2·42	+ 7·87	+ 2·74	— 1·91	— 4·28	+ 1·50	— 0·19	— 0·02
	Busseerhat	+ 0·22	+ 0·33	— 1·10	+ 3·00	— 4·67	— 2·31	+ 4·02	+ 3·14	— 2·37	— 3·19	+ 0·24	— 0·22	— 2·91
	Khoolna	+ 0·19	+ 0·32	+ 1·01	+ 0·68	— 4·93	— 7·59	+ 10·01	+ 0·82	— 4·64	— 1·97	— 0·26	— 0·32	— 6·68

TABLE XXXI.—*Comparison of the monthly and total rainfall in 1888, with the averages of Table XXX*—continued.

PROVINCES.	STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
	Burrisal	+ 2·03	— 0·02	— 1·22	+ 0·29	— 4·42	— 10·06	+ 4·81	+ 8·04	— 5·82	+ 4·19	— 0·87	— 0·25	— 3·30
	Calcutta (Chowringhee)	+ 0·49	+ 0·38	— 0·33	+ 2·87	— 0·93	— 5·10	+ 0·29	+ 10·88	+ 1·54	— 0·71	+ 2·92	— 0·49	+ 11·81
	Alipore (Jail)	+ 0·64	+ 0·24	+ 0·96	+ 2·15	— 1·50	— 6·49	— 1·24	+ 13·23	+ 0·83	— 1·78	+ 1·88	— 0·33	+ 8·59
	Alipore (Obsy.)	+ 0·52	+ 0·41	+ 0·93	+ 2·27	— 1·94	— 5·93	— 1·00	+ 11·45	+ 0·07	— 0·97	+ 2·60	— 0·60	+ 7·81
	Saugor Island	+ 0·46	+ 1·80	— 1·06	— 0·34	— 1·51	— 9·81	— 6·46	+ 13·32	— 6·32	— 7·02	+ 0·09	— 0·29	— 17·14
	Mymensingh	— 1·21	— 0·58	+ 0·51	+ 0·24	+ 9·47	— 10·90	— 6·58	+ 0·79	— 1·79	— 1·13	— 0·53	— 0·07	— 10·78
	Kishorganj	— 0·38	— 0·16	— 0·60	+ 6·79	+ 11·28	+ 0·22	— 2·73	— 0·86	+ 3·35	— 1·91	+ 0·03	— 0·30	+ 14·65
BENGAL—*concld.*	Atia (Tangail)	— 0·39	+ 0·10	+ 0·06	+ 1·81	— 2·52	— 6·49	— 1·90	— 0·90	— 7·01	— 0·20	— 0·23	— 0·09	— 17·76
	Dacca	+ 0·65	+ 0·80	+ 2·95	+ 3·71	— 4·04	— 5·25	+ 3·18	+ 2·64	— 3·04	— 3·53	— 0·18	— 0·21	— 2·32
	Comillah	+ 0·19	+ 0·26	+ 0·50	+ 4·62	— 0·98	— 12·01	— 4·09	+ 10·07	— 2·89	+ 1·52	— 0·91	— 0·25	— 3·97
	Agartalla	+ 0·57	+ 0·38	+ 2·14	+ 11·43	+ 3·33	— 3·41	— 2·64	+ 0·26	— 3·27	— 4·45	— 0·47	— 0·39	+ 3·48
	Noakholly	+ 1·44	— 0·51	0	+ 3·70	— 1·72	— 14·78	+ 12·74	+ 9·23	— 7·64	+ 9·21	— 1·65	— 0·37	+ 9·65
	Demagiri	+ 0·77	+ 1·52	+ 0·85	+ 6·86	— 0·61	— 3·93	— 0·15	+ 4·55	— 1·42	+ 0·18	— 1·53	— 0·81	+ 6·28
	Rangamatia Hill	+ 0·85	— 0·49	— 0·47	+ 4·31	— 2·94	— 9·46	— 5·05	+ 13·62	— 3·43	— 1·83	— 1·66	— 0·53	+ 7·08
	Chittagong	+ 1·83	— 0·47	— 0·49	+ 2·08	+ 4·12	— 13·50	+ 7·35	+ 16·41	+ 0·61	— 1·41	— 1·61	— 0·55	+ 14·37
	Cox's Bazar	+ 4·58	+ 1·17	— 0·65	+ 2·04	— 0·20	— 20·70	+ 19·94	+ 17·69	— 7·04	+ 2·15	— 2·54	— 0·36	+ 15·99
	Sylhet	+ 0·25	— 0·75	+ 5·20	+ 11·68	+ 11·90	+ 1·07	— 8·99	— 4·45	+ 3·61	— 0·61	— 0·96	— 0·27	+ 17·68
	Silchar	+ 0·76	— 1·27	+ 1·00	+ 14·04	+ 7·05	+ 8·60	— 0·46	+ 6·46	— 2·69	— 1·90	— 0·07	— 0·64	+ 30·88
	Cherra Poonjee	+ 1·17	— 0·44	+ 10·65	+ 5·78	+ 19·11	— 4·73	— 44·25	— 6·50	— 35·49	+ 3·18	— 1·52	— 0·29	— 53·33
	Tura	— 0·54	— 0·54	+ 1·29	+ 3·21	+ 10·36	+ 2·77	— 8·30	— 0·20	— 8·82	— 2·46	+ 1·24	— 0·13	— 2·12
	Shillong	+ 0·30	— 0·75	— 0·13	— 0·97	— 4·44	+ 10·30	— 9·21	— 8·20	— 10·19	— 2·77	— 0·20	— 0·32	— 26·58
	Dhubri	+ 0·12	— 0·42	+ 1·00	+ 0·70	— 5·57	+ 16·64	— 3·99	+ 3·49	— 1·46	— 3·89	+ 1·86	— 0·18	+ 8·30
	Goalpara	— 0·26	— 0·25	+ 0·92	+ 0·26	+ 2·68	— 8·58	— 0·10	— 5·47	— 2·85	— 3·80	+ 0·16	— 0·27	— 17·56
ASSAM	Kulsi	— 0·28	+ 0·38	+ 0·89	+ 1·05	+ 3·31	— 3·22	+ 6·24	— 1·96	— 4·06	— 0·44	+ 0·26	— 0·15	+ 2·02
	Gauhati	+ 0·06	— 0·37	+ 0·39	+ 4·88	— 1·58	— 0·16	+ 2·46	— 6·65	— 3·60	— 2·14	— 0·13	— 0·27	— 7·11
	Nowgong	— 0·29	+ 0·22	+ 1·95	— 1·05	— 1·16	— 1·45	+ 9·79	— 4·41	— 3·58	— 2·11	+ 0·21	— 0·27	— 2·15
	Tezpur	+ 0·22	+ 0·49	+ 0·75	+ 0·72	+ 1·15	— 6·03	— 7·08	— 2·56	— 1·41	— 2·26	— 0·28	— 0·60	— 16·89
	Chardner	— 0·27	+ 1·13	+ 1·86	+ 1·98	— 1·44	+ 6·85	+ 0·42	— 9·19	+ 0·70	— 2·16	— 0·04	— 0·52	— 0·68
	Sibsagar	+ 0·88	+ 0·79	+ 1·92	+ 1·46	+ 4·84	— 0·72	+ 2·11	— 7·22	— 1·35	— 1·22	— 1·12	— 0·54	— 0·17
	Dibrugarh	+ 1·28	+ 0·12	+ 2·15	+ 1·43	+ 8·01	— 8·38	+ 0·21	— 8·69	— 3·59	— 3·97	— 1·31	— 0·84	— 13·58
	Kohima	— 0·34	— 0·30	— 0·14	+ 1·26	— 2·53	— 1·15	+ 1·78	— 3·15	— 2·31	+ 0·36	— 0·61	— 0·56	— 7·89
	Saugor	+ 0·58	+ 0·74	— 0·03	— 0·11	— 0·51	— 0·80	— 6·21	+ 19·19	+ 1·12	— 1·07	+ 0·17	— 0·62	+ 12·45
	Damoh	— 0·29	— 0·04	+ 0·05	— 0·22	— 0·38	+ 0·57	— 1·76	+ 9·90	— 1·27	— 1·64	+ 0·01	— 0·52	+ 4·41
	Jubbulpore	+ 1·31	— 0·20	— 0·40	— 0·19	— 0·32	— 3·61	— 1·50	+ 3·29	— 5·88	— 1·44	— 0·10	— 0·28	— 9·32
	Narsingpur	+ 0·35	— 0·03	— 0·06	— 0·24	— 0·31	— 5·87	— 4·04	+ 10·22	— 2·68	— 1·62	— 0·21	— 0·44	— 4·93
CENTRAL PROVINCES.	Hoshangabad	+ 0·10	+ 0·89	— 0·12	+ 0·02	— 0·50	— 1·60	— 0·25	— 0·48	+ 0·07	— 1·22	— 0·04	— 0·54	— 3·67
	Khandwa	+ 0·86	+ 0·08	+ 0·21	— 0·07	— 0·33	— 4·71	+ 0·77	— 2·90	— 0·78	— 0·90	— 0·05	— 0·48	— 8·30
	Badnur (Betul)	+ 0·69	+ 0·02	+ 0·03	— 0·28	— 0·48	— 4·93	+ 1·56	— 1·74	+ 0·46	— 1·48	— 0·12	— 0·55	— 6·82
	Pachmarhi	+ 0·74	+ 0·76	— 0·01	— 0·18	+ 0·14	— 7·15	— 9·80	+ 6·33	+ 0·78	— 1·80	— 0·32	— 0·70	— 11·21
	Chhindwara	— 0·13	+ 0·28	— 0·46	— 0·24	— 0·67	— 4·37	— 5·28	+ 2·93	— 1·85	— 1·57	+ 0·84	— 0·44	— 10·96
	Seoni	+ 0·59	— 0·49	— 0·09	— 0·53	— 0·80	— 6·33	+ 4·63	+ 4·42	— 0·37	— 2·02	— 0·02	— 0·70	— 1·71

TABLE XXXI.—*Comparison of the monthly and total rainfall in 1888, with the averages of Table XXX*—continued.

PROVINCES.	STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
CENTRAL PROVINCES —*contd.*	Balaghat	+ 1·20	— 0·49	— 0·26	— 0·44	— 0·87	— 2·75	— 1·21	+ 0·47	— 2·61	— 0·40	+ 0·28	— 0·32	— 7·40
	Mandla	+ 1·19	+ 0·07	— 0·63	— 0·51	— 0·52	+ 0·13	— 4·83	+ 5·54	— 4·31	— 0·78	— 0·11	— 0·35	— 5·11
	Bilaspur	+ 1·56	— 0·13	— 0·69	— 0·79	— 0·96	— 3·55	— 0·56	+ 2·61	— 2·10	— 1·46	+ 1·84	— 0·29	— 4·52
	Chappa	+ 0·26	— 0·16	+ 0·43	— 0·41	— 0·31	— 5·37	— 5·37	— 0·36	— 4·74	— 0·95	— 0·40	— 0·19	— 17·57
	Sarangarh	+ 1·03	— 0·17	— 0·28	— 0·20	— 0·47	— 3·28	+ 0·57	+ 4·67	— 0·15	— 3·09	+ 2·71	— 0·27	+ 1·09
	Raigarh	+ 0·91	+ 1·88	— 0·39	— 0·16	— 0·75	— 4·49	+ 6·57	— 0·71	— 5·78	— 1·74	+ 0·18	— 0·47	— 4·95
	Sambalpur	+ 2·28	+ 0·15	— 0·47	— 0·50	— 1·42	— 7·64	+ 0·60	+ 12·98	— 4·83	— 1·42	+ 0·42	— 0·36	— 0·21
	Raipur	— 0·05	— 0·24	— 0·39	— 0·51	— 0·70	— 4·92	+ 5·22	+ 0·91	— 0·59	— 2·03	— 0·32	— 0·29	— 3·91
	Dhamtari	— 0·11	— 0·37	— 0·29	— 0·18	+ 0·19	— 2·87	— 2·39	+ 8·35	+ 1·26	— 1·97	+ 0·20	— 0·16	+ 1·66
	Bhandara	+ 0·95	+ 0·57	— 0·16	— 0·47	— 0·72	— 0·07	+ 2·41	+ 7·60	— 2·57	— 1·02	+ 1·52	— 0·37	+ 7·73
	Nagpur	+ 1·14	— 0·07	— 0·43	— 0·38	— 0·79	+ 0·97	— 0·96	— 0·94	— 2·26	— 1·91	+ 0·71	— 0·48	— 5·40
	Arvi	+ 1·44	+ 0·69	+ 0·31	— 0·15	— 0·82	+ 1·16	— 1·88	— 3·75	— 3·10	— 1·69	+ 0·23	— 0·48	— 8·04
	Wardha	+ 0·63	+ 0·45	— 0·20	— 0·33	— 0·81	+ 0·83	+ 2·00	— 4·43	— 4·92	— 1·99	+ 3·31	— 0·46	— 5·92
	Brahmapuri	+ 0·89	+ 0·30	— 0·12	+ 0·15	— 0·82	— 0·94	+ 1·78	— 1·16	— 1·95	— 2·04	+ 1·40	— 0·46	— 2·97
	Chanda	+ 0·92	— 0·36	— 0·78	— 0·38	— 2·29	— 1·66	+ 8·85	— 4·54	— 6·00	— 2·01	+ 0·47	— 0·36	— 8·14
	Sironcha	+ 2·39	— 0·34	— 0·21	+ 0·43	— 0·55	— 1·69	+ 7·23	— 2·32	— 5·96	— 1·85	+ 1·76	+ 0·16	— 0·99
	Bastar (Jagdalpore).	— 0·15	+ 0·08	— 0·29	— 2·55	+ 1·80	— 5·87	— 4·68	— 0·54	— 3·15	— 2·21	+ 2·56	— 0·06	— 15·06
BERARS	Makhla	+ 0·61	— 0·05	+ 1·70	— 0·07	— 0·03	— 4·53	+ 2·32	— 3·77	— 3·59	— 3·77	+ 0·68	— 1·15	— 11·56
	Chikalda	+ 1·14	+ 0·89	+ 1·44	— 0·14	— 0·50	— 2·09	+ 2·38	— 3·33	— 1·68	— 4·29	+ 1·00	— 1·18	— 6·36
	Ellichpur	+ 0·74	+ 1·03	— 0·36	— 0·19	— 0·35	— 2·28	— 3·73	— 2·38	— 1·24	— 1·87	+ 0·47	— 0·65	— 10·81
	Amraoti	+ 0·92	— 0·16	+ 0·41	— 0·18	— 0·65	+ 2·69	+ 8·63	— 4·72	— 0·90	— 1·75	+ 1·39	— 0·57	+ 5·11
	Akola	+ 0·99	+ 0·10	+ 0·55	— 0·11	— 0·23	— 0·42	+ 1·17	— 2·32	+ 0·39	— 2·37	0	— 0·77	— 3·02
	Buldana	+ 1·45	+ 0·34	+ 0·06	— 0·26	— 0·54	— 1·07	— 2·80	+ 0·88	— 2·80	— 0·55	+ 0·61	— 0·61	— 5·29
	Basim	+ 1·25	+ 1·40	+ 0·31	— 0·31	— 0·56	+ 0·10	— 3·92	— 3·94	— 4·23	— 0·64	+ 1·30	— 0·64	— 9·88
	Yeotmal	+ 1·39	+ 1·51	— 0·03	— 0·28	— 0·74	— 1·53	+ 5·02	— 5·26	— 3·67	— 1·81	+ 1·46	— 0·53	— 4·47
	Wun	+ 1·39	— 0·05	— 0·50	— 0·11	— 0·48	+ 0·07	+ 6·19	— 2·90	— 3·30	— 1·41	+ 0·85	— 0·38	— 0·63
HYDERABAD	Aurangabad (Cant.).	+ 1·53	+ 0·07	+ 0·33	— 0·18	— 0·50	— 0·29	+ 0·28	— 3·34	— 1·71	— 1·55	— 0·29	— 0·82	— 6·47
	Jalna	+ 1·49	+ 0·32	+ 0·13	— 0·06	— 0·71	— 4·09	— 2·81	— 2·63	— 3·37	— 2·38	+ 0·73	— 1·12	— 14·50
	Hingoli	+ 1·21	+ 1·24	— 0·09	— 0·54	— 0·81	— 0·05	+ 0·03	— 4·99	— 4·76	— 1·26	+ 2·75	— 0·51	— 7·72
	Parbhani	+ 0·53	+ 0·39	— 0·10	— 0·20	— 0·63	+ 4·26	— 0·16	— 2·81	— 5·52	— 1·97	+ 1·35	— 0·42	— 5·28
	Nandair	+ 0·47	+ 0·75	— 0·11	— 0·39	— 0·58	+ 1·93	+ 1·29	— 5·08	— 3·93	— 0·86	+ 4·82	+ 0·05	— 1·55
	Bheer	+ 0·27	— 0·02	+ 0·14	— 0·25	— 0·26	— 0·58	— 0·85	— 5·06	— 7·74	— 0·66	+ 1·46	— 0·43	— 8·98
	Mominabad	+ 2·01	+ 0·78	+ 0·05	— 0·49	— 0·46	— 2·04	+ 0·45	— 5·86	— 7·16	— 0·99	+ 4·48	+ 1·93	— 7·21
	Indur	— 0·02	— 0·01	+ 0·17	— 0·30	+ 0·03	+ 1·00	— 2·55	— 1·47	— 5·83	— 1·98	+ 1·26	— 0·04	— 9·74
	Yelgandal	+ 1·19	— 0·15	— 0·36	+ 0·07	+ 1·49	— 1·78	+ 2·83	— 2·00	— 4·15	— 2·96	+ 3·14	+ 0·63	— 2·05
	Medak	— 0·03	— 0·08	— 0·35	— 0·55	+ 1·28	— 2·14	+ 3·59	— 4·69	— 4·86	— 2·42	+ 3·73	— 0·32	— 6·84
	Ibrahimpatan	— 0·07	— 0·05	— 0·58	— 0·58	+ 1·19	— 3·67	+ 0·27	— 5·20	— 2·67	— 2·71	+ 1·21	— 0·24	— 13·10
	Naldurg	?	+ 0·34	— 0·16	+ 0·16	— 0·53	— 1·78	+ 0·32	— 6·02	— 4·15	— 1·68	+ 6·88	— 0·54	?
	Bidar	0	+ 0·06	— 0·28	— 0·84	+ 1·51	— 1·51	— 3·03	— 6·50	— 3·06	— 2·90	+ 3·92	— 0·33	— 12·96
	Gulbarga	+ 0·38	+ 0·04	— 0·22	— 0·40	+ 0·60	— 0·50	— 0·80	— 5·92	— 3·75	— 2·27	+ 2·84	— 0·43	— 10·43
	Bolarum	— 0·13	— 0·17	— 0·24	+ 0·17	+ 2·94	— 0·24	+ 0·48	— 2·54	— 4·36	— 3·10	+ 4·32	— 0·43	— 3·30

TABLE XXXI.—*Comparison of the monthly and total rainfall in 1888, with the averages of Table XXX*—continued.

PROVINCES.	STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
HYDERABAD —*contd.*	Secunderabad .	— 0·25	— 0·21	— 0·68	— 0·01	+ 1·02	+ 2·10	— 1·04	— 2·36	— 2·96	— 3·22	+ 2·32	— 0·25	— 5·54
	Hyderabad (Residency).	— 0·02	— 0·06	— 0·27	+ 0·24	+ 0·93	— 1·75	— 0·46	— 3·12	— 4·37	— 3·24	+ 0·30	— 0·60	— 12·42
	Nalgonda .	— 0·17	— 0·01	— 0·35	+ 1·43	+ 0·25	— 0·94	+ 0·61	— 1·41	— 2·99	— 3·60	+ 2·87	— 0·20	— 4·51
	Khamam .	+ 0·51	— 0·21	— 1·04	— 0·07	+ 1·39	+ 0·20	+ 1·37	— 1·53	— 1·91	— 2·41	+ 0·49	— 0·48	— 3·69
	Sirpur .	+ 0·44	+ 1·00	+ 0·14	— 0·19	— 0·12	— 1·51	— 0·32	+ 0·64	— 1·86	— 2·35	+ 2·17	?	?
	Nagar Karnul .	— 0·05	+ 0·97	— 0·33	— 0·19	+ 2·31	— 0·02	+ 0·15	— 2·77	— 2·56	— 2·47	+ 1·49	— 0·44	— 3·91
	Raichur .	— 0·04	0	— 0·25	— 0·01	+ 0·17	— 2·68	+ 1·64	— 4·04	— 0·52	— 1·72	+ 3·80	— 0·11	— 3·76
	Raichur (Cant.)	0	0	— 0·01	+ 0·10	— 0·93	+ 0·29	+ 1·40	— 3·50	— 1·32	— 2·42	+ 0·49	— 0·26	— 6·16
BOMBAY	Dhulia . .	+ 1·18	+ 0·53	0	— 0·03	— 0·39	+ 3·52	+ 1·54	— 1·83	— 3·64	— 1·02	— 0·44	— 0·35	— 4·01
	Nasik . .	+ 0·68	— 0·04	+ 0·58	— 0·04	+ 0·07	— 3·00	— 0·21	— 0·62	— 3·91	— 2·14	— 0·45	— 0·23	— 9·31
	Igatpuri . .	+ 1·17	— 0·09	— 0·02	— 0·07	+ 0·26	— 6·48	+ 18·29	+ 29·30	— 10·29	— 2·18	+ 0·12	— 0·24	+ 29·77
	Malegaon .	+ 1·56	+ 0·10	— 0·01	+ 0·13	— 0·68	+ 0·08	— 2·32	— 3·90	— 1·15	— 0·44	— 0·06	— 0·52	— 7·21
	Ahmednagar .	— 0·36	— 0·07	— 0·16	— 0·44	— 1·19	— 1·36	— 1·73	— 3·60	— 2·31	+ 2·62	+ 1·41	— 0·34	— 7·53
	Poona . .	+ 0·50	— 0·03	— 0·09	— 0·39	+ 0·07	— 3·08	+ 1·00	— 1·75	+ 1·73	— 1·54	+ 1·13	— 0·24	— 2·69
	Lanauli . .	+ 0·80	— 0·01	— 0·11	— 0·10	— 0·57	— 4·01	— 0·42	+ 7·63	— 16·06	— 3·16	+ 3·13	— 0·24	— 13·12
	Satara . .	+ 1·93	+ 0·13	+ 0·64	— 0·54	+ 1·58	— 3·92	+ 3·54	+ 3·83	+ 3·49	— 0·73	+ 0·76	— 0·48	+ 10·23
	Mohableshwar .	+ 1·91	— 0·05	+ 1·36	+ 0·41	— 0·77	— 8·61	+ 21·39	+ 18·61	— 18·40	— 2·74	+ 4·02	— 0·40	+ 16·13
	Sholapur .	+ 1·43	— 0·06	— 0·25	— 0·13	— 0·25	+ 2·55	— 0·17	— 5·26	— 1·86	— 1·56	+ 2·18	— 0·37	— 3·75
	Kolhapur .	+ 0·96	+ 0·01	+ 0·31	— 1·06	— 0·62	— 3·01	+ 4·77	+ 1·89	— 0·62	— 4·60	+ 3·35	— 0·20	+ 1·18
	Baura . .	+ 3·06	— 0·01	— 0·03	+ 0·07	— 1·59	+ 1·98	+ 11·99	+ 4·97	— 20·23	— 9·17	+ 0·97	— 0·45	— 8·44
	Belgaum .	+ 0·53	+ 0·14	+ 0·17	— 0·95	+ 0·58	— 1·88	— 0·78	+ 3·04	+ 1·04	— 2·22	— 0·69	— 0·29	— 0·71
	Gokak . .	+ 0·51	0	— 0·34	+ 0·29	— 0·05	— 1·83	— 0·36	+ 0·38	+ 7·45	— 3·20	+ 1·42	— 0·83	+ 3·44
	Dharwar .	+ 1·00	— 0·01	— 0·30	+ 0·24	+ 1·35	— 1·20	— 0·23	+ 0·45	+ 3·62	— 4·14	— 0·15	— 0·50	+ 0·13
	Hubli . .	+ 1·39	0	— 0·25	— 0·03	+ 2·33	+ 0·38	— 0·80	+ 0·81	+ 4·27	— 4·11	+ 2·21	— 0·27	+ 5·93
	Nargund .	+ 1·54	— 0·10	— 0·19	— 0·03	+ 2·55	— 1·14	— 0·56	— 0·20	+ 8·68	— 3·79	+ 3·04	— 0·36	+ 9·44
	Mandargi .	+ 0·66	0	— 1·19	— 0·11	+ 3·75	— 0·05	— 0·84	+ 0·58	+ 3·00	— 2·53	+ 1·12	— 0·12	+ 5·27
	Kalghatgi .	+ 1·37	0	— 0·21	— 0·91	+ 1·53	+ 2·69	+ 3·77	+ 5·57	+ 1·07	+ 0·12	+ 1·41	— 0·26	+ 16·15
	Bijapur . .	+ 0·73	— 0·02	— 0·15	— 0·28	+ 0·92	— 0·91	— 0·50	— 2·48	+ 1·05	— 2·59	+ 2·79	— 0·84	— 2·28
	Honawar .	+ 0·31	0	— 0·13	+ 0·72	+ 0·14	+ 31·33	+ 0·99	+ 11·22	— 11·81	— 2·86	+ 1·13	— 0·17	+ 30·87
	Karwar . .	+ 0·68	0	— 0·05	— 0·23	+ 0·24	+ 16·50	+ 2·29	+ 3·91	— 10·51	— 4·19	+ 0·71	— 0·15	+ 9·11
	Goa . .	+ 2·80	0	— 0·02	+ 0·32	+ 0·15	+ 9·11	— 1·79	+ 5·29	— 8·46	— 2·96	+ 1·23	— 0·11	+ 5·56
	Vingurla .	+ 2·36	0	— 0·05	+ 0·94	+ 1·27	+ 19·27	— 0·22	+ 3·81	— 8·52	— 2·76	— 0·36	— 0·24	— 15·50
	Ratnagiri .	+ 1·14	— 0·01	0	+ 0·15	— 0·62	+ 2·15	— 5·01	+ 1·41	— 5·45	— 3·38	0	— 0·09	— 9·71
	Colaba (Obsy.)	+ 1·70	0	+ 0·09	— 0·03	— 0·52	— 5·01	— 2·25	— 3·64	— 5·88	— 1·69	+ 0·66	— 0·06	— 16·63
	Byculla (J. J. Hospital.)	+ 1·90	+ 0·21	— 0·01	0	— 0·39	— 3·08	— 2·69	— 5·81	— 8·60	— 2·00	+ 1·61	— 0·06	— 18·92
	Tanna . .	+ 3·84	— 0·07	— 0·01	0	— 0·39	— 0·64	— 2·34	— 1·10	— 11·17	— 1·61	+ 2·25	— 0·07	— 11·31
	Matheran .	+ 1·31	— 0·01	— 0·01	— 0·03	— 0·73	— 4·26	— 2·55	+ 31·16	— 17·43	— 4·42	+ 6·01	— 0·07	+ 8·97
	Surat . .	— 0·03	— 0·02	0	0	— 0·21	— 2·28	+ 1·71	— 3·47	— 6·51	— 1·16	+ 0·03	— 0·05	— 11·99
	Broach . .	— 0·06	+ 0·08	— 0·01	0	— 0·12	— 2·61	— 8·01	— 1·91	— 6·33	— 1·47	+ 0 28	— 0·04	— 20·20
	Kaira . .	+ 0·21	+ 0·25	— 0·01	— 0·05	— 0·30	— 2·10	— 8·12	— 0·31	— 4·67	— 0 45	+ 2·11	— 0·07	— 13·51
	Bariya . .	+ 0 06	— 0·14	0	0	— 0·15	— 2 02	— 8·04	+ 5·23	— 8·18	— 0 83	+ 0·49	— 0·1	— 13·69

TABLE XXXI.—*Comparison of the monthly and total rainfall in 1888, with the averages of Table XXX*—continued.

PROVINCES.	STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
BOMBAY—*contd.*	Godhra	+ 0·04	+ 0·17	— 0·01	— 0·01	— 0·37	— 3·63	— 12·86	+ 5·50	— 6·03	— 0·83	+ 0·59	— 0·10	— 17·54
	Dohad	+ 0·03	— 0·12	— 0·02	— 0·03	— 0·35	— 3·07	— 5·34	+ 0·23	— 6·08	— 0·91	+ 0·45	— 0·13	— 15·34
	Ahmedabad	+ 0·37	+ 0·68	— 0·02	— 0·03	— 0·63	+ 0·50	— 8·94	— 3·70	— 4·02	— 0·54	+ 2·28	— 0·05	— 14·10
	Edar	+ 0·28	+ 0·34	0	— 0·02	— 0·64	+ 1·69	— 11·93	— 6·59	— 6·48	— 0·36	+ 1·63	— 0·07	— 8·97
	Deesa	+ 1·02	+ 0·25	— 0·09	— 0·05	— 0·16	— 1·27	— 5·67	+ 1·90	— 3·12	— 0·76	+ 0·95	— 0·05	— 7·05
	Wadhwan	+ 0·51	+ 0·60	— 0·04	— 0·01	— 0·13	+ 1·66	— 3·68	— 1·75	— 3·50	— 0·28	+ 5·44	— 0·04	— 1·22
	Palanpur	+ 0·92	+ 0·89	— 0·05	— 0·01	— 0·62	— 1·18	— 7·86	+ 2·78	— 4·97	— 0·69	+ 1·15	— 0·07	— 9·71
	Rajkot	+ 0·26	+ 0·74	— 0·01	— 0·01	— 0·36	— 0·01	— 1·63	— 0·62	— 3·94	— 0·72	+ 3·59	— 0·06	— 2·77
	Songad	+ 0·12	+ 0·13	— 0·05	— 0·03	— 0·26	— 0·66	— 6·45	+ 0·60	— 4·90	— 1·25	+ 0·30	— 0·05	— 12·50
	Bhuj	+ 0·49	+ 1·21	— 0·10	— 0·15	— 0·14	— 2·02	— 0·79	+ 1·40	— 2·22	— 0·76	— 0·01	— 0·03	— 3·12
	Rhahpur	+ 0·25	+ 0·73	— 0·10	— 0·11	— 0·20	— 0·97	— 5·80	+ 1·77	— 3·08	— 0·88	0	— 0·02	— 8·41
	Nagar	+ 1·73	+ 1·29	— 0·05	— 0·03	— 0·26	— 1·76	+ 1·15	+ 3·12	— 1·69	— 0·34	+ 0·10	— 0·02	+ 3·24
	Kurrachee	+ 2·12	+ 0·60	— 0·15	— 0·17	— 0·05	— 0·18	— 2·77	— 0·72	— 0·80	— 0·06	+ 0·04	— 0·17	— 2·31
	Sehwan	+ 0·89	+ 0·74	+ 0·28	— 0·19	— 0·11	— 0·16	— 1·89	— 1·40	— 0·68	0	—	— 0·03	— 0·13	— 2·68
	Tatta	+ 2·24	+ 1·52	— 0·11	— 0·43	— 0·02	— 0·76	— 2·15	+ 6·10	— 1·04	0	—	— 0·09	— 0·05	+ 5·21
	Hyderabad (Obsy.)	+ 1·62	+ 1·48	+ 0·06	— 0·19	— 0·05	— 0·36	+ 0·12	— 0·47	— 0·74	0	—	— 0·07	— 0·01	+ 1·39
	Umarkot	+ 1·61	+ 0·61	— 0·12	— 0·13	— 0·07	— 0·87	— 2·86	— 0·82	— 1·03	— 0·22	0	—	— 0·01	— 3·91
	Shikarpur	— 0·06	+ 1·16	+ 0·27	— 0·18	— 0·07	— 0·10	— 1·20	+ 2·28	— 0·23	0	—	— 0·05	— 0·11	+ 1·71
	Rohri	+ 0·13	+ 0·56	+ 0·16	— 0·27	— 0·21	— 0·29	— 1·06	— 1·34	— 0·33	— 0·02	—	— 0·08	— 0·18	— 2·93
	Jacobabad	— 0·08	+ 0·97	— 0·01	— 0·16	— 0·13	— 0·07	— 0·74	— 1·18	— 0·24	— 0·01	—	— 0·07	— 0·09	— 1·86
MADRAS	Ganjam	— 0·15	+ 1·04	— 0·81	— 0·78	— 1·44	— 1·03	— 2·31	+ 2·15	— 3·05	— 7·68	+ 4·67	— 1·13	— 10·52
	Gopalpur	+ 0·06	+ 0·46	— 0·69	— 0·65	— 2·04	— 1·80	— 2·62	+ 2·95	— 4·59	— 8·38	+ 3·00	— 1·48	— 15·78
	Aska	— 0·09	+ 1·58	— 1·17	— 1·41	— 3·09	— 3·65	— 6·75	+ 3·19	— 2·27	— 6·20	+ 2·50	— 0·64	— 18·00
	Vizianagram	— 0·15	— 0·42	— 0·82	— 0·40	— 1·88	+ 1·55	— 1·97	— 2·19	— 4·07	— 5·47	+ 5·47	— 1·37	— 11·72
	Bimlipatam	— 0·27	— 0·46	— 0·22	— 0·17	— 0·83	— 1·65	— 1·75	— 1·72	— 3·54	— 3·16	+ 6·46	— 1·22	— 8·53
	Rayaghadda	— 0·11	+ 0·04	— 0·86	+ 0·49	— 1·15	— 1·31	— 4·16	— 3·65	— 0·78	— 3·39	+ 1·42	— 0·62	— 14·03
	Nourangapur	— 0·18	+ 0·07	— 0·39	— 0·46	+ 1·26	— 2·67	— 8·07	+ 2·01	— 2·89	— 3·09	+ 2·83	— 0·14	— 11·72
	Gunipur	... 0·05	— 0·43	— 0·45	— 1·21	— 2·18	— 0·87	— 2·63	— 0·96	— 5·44	— 2·79	+ 5·02	— 0·56	— 12·55
	Jeypur	0	0	— 0·14	— 0·09	+ 2·95	— 5·42	— 9·79	+ 3·45	— 4·09	— 2·56	+ 3·56	— 0·04	— 13·17
	Koraput	+ 0·22	+ 0·09	— 0·13	+ 0·01	— 0·37	— 3·74	— 7·08	+ 3·34	— 0·99	— 2·35	+ 0·41	— 0·33	— 10·92
	Malkanagiri	— 0·03	0	— 0·13	+ 0·80	+ 1·01	— 3·11	— 2·59	— 0·80	— 9·75	— 1·87	+ 1·07	— 0·11	— 15·51
	Narsapatnam	— 0·32	— 0·40	— 0·57	+ 1·38	+ 2·86	— 2·86	— 1·34	— 3·14	— 1·49	— 4·82	+ 4·79	— 1·06	— 6·96
	Vizagapatam	— 0·33	— 0·23	+ 0·01	— 0·50	+ 0·14	— 2·89	— 1·32	— 4·67	— 6·05	— 5·26	+ 9·50	— 1·97	— 13·57
	Cocanada	— 0·23	— 0·22	— 0·18	— 0·17	+ 0·20	— 2·91	— 1·65	+ 3·46	— 1·23	— 4·18	+ 6·48	— 0·94	— 1·57
	Rajahmundry	— 0·16	— 0·25	— 0·25	— 0·63	+ 1·48	— 1·33	— 0·31	— 3·11	— 3·16	— 5·24	+ 4·97	— 0·19	— 8·18
	Ellore	— 0·23	— 0·13	— 0·43	— 0·27	+ 0·38	+ 0·65	+ 3·31	— 1·55	— 0·49	— 3·83	+ 0·58	— 0·41	— 2·40
	Masulipatam	— 0·25	— 0·11	— 0·32	0	+ 1·11	— 0·94	— 1·05	— 3·37	— 3·26	— 7·73	+ 7·13	— 0·64	— 9·43
	Guntur	— 0·33	— 0·13	— 0·51	— 0·07	+ 1·05	— 1·43	+ 3·51	— 5·89	— 3·96	— 5·12	+ 2·64	— 0·50	— 10·74
	Vinukonda	— 0·28	— 0·01	— 0·23	— 0·35	+ 1·42	+ 0·02	+ 3·65	— 2·26	— 1·23	— 5·61	+ 3·56	— 0·79	— 2·11
	Ongole	+ 0·19	— 0·03	— 0·23	+ 0·78	+ 2·41	— 1·35	+ 0·73	— 1·75	— 2·83	— 6·39	+ 2·32	— 0·98	— 7·13
	Nellore	+ 0·34	— 0·09	— 0·22	— 0·11	+ 2·50	— 1·17	— 0·62	— 1·72	— 2·13	— 3·71	— 3·56	— 1·43	— 11·92

TABLE XXXI.—*Comparison of the monthly and total rainfall in 1888, with the averages of Table XXX*—continued.

PROVINCES.	STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
MADRAS—*contd.*	Udaygiri .	+ 0·27	— 0·19	— 0·29	+ 1·03	+ 1·11	— 0·26	+ 0·53	+ 1·23	— 1·37	— 6·05	+ 5·24	— 0·39	+ 0·86
	Tada .	— 0·43	— 0·62	— 0·28	— 0·14	— 2·39	— 1·61	— 0·23	— 1·65	— 2·35	+ 4·54	— 5·66	— 1·80	— 12·68
	Kurnool .	— 0·05	— 0·04	— 0·43	+ 1·57	— 0·03	— 2·11	— 2·27	— 4·60	+ 4·90	— 3·05	+ 2·64	— 0·13	— 3·64
	Cumbum .	— 0·10	— 0·05	— 0·43	+ 1·30	+ 0·60	— 1·45	+ 1·69	— 2·06	— 3·29	— 4·33	+ 3·33	— 0·63	— 5·42
	Nandyal .	— 0·08	— 0·02	— 0·16	+ 0·12	+ 1·06	+ 1·16	— 1·75	— 3·77	— 4·35	— 3·64	— 0·57	— 0·28	— 11·14
	Bellary .	— 0·14	— 0·04	— 0·54	— 0·27	+ 2·94	— 1·49	— 0·34	— 1·13	+ 1·48	— 2·35	+ 4·79	— 0·20	+ 2·65
	Gooty .	— 0·05	— 0·06	— 0·06	+ 0·20	— 0·94	— 0·31	— 1·11	— 2·55	+ 1·34	— 2·03	+ 3·04	— 0·15	— 2·68
	Adoni .	— 0·00	0	— 0·03	+ 0·59	— 1·19	— 0·54	— 0·80	— 3·70	— 0·37	— 4·43	+ 2·96	— 0·07	— 8·70
	Dharmavaram .	— 0·01	— 0·15	— 0·24	+ 3·09	— 0·75	— 1·37	— 1·24	— 2·02	— 1·78	— 4·42	+ 4·68	— 0·21	— 5·01
	Cuddapah .	— 0·19	— 0·01	— 0·23	+ 0·08	— 0·33	— 2·25	+ 0·39	— 1·43	+ 1·82	— 2·09	+ 3·19	+ 0·30	— 0·66
	Madnapalle .	— 0·15	— 0·10	— 0·43	+ 0·68	— 1·18	+ 0·34	— 1·16	— 0·05	— 1·24	— 4·71	+ 3·13	— 0·85	— 5·72
	Chittoor .	— 0·31	— 0·21	— 0·46	— 0·42	+ 1·01	+ 1·21	— 2·84	— 0·93	+ 2·02	+ 7·00	— 0·88	— 1·68	+ 3·59
	Vellore .	— 0·60	— 0·31	— 0·16	— 0·42	+ 3·38	+ 0·29	— 1·61	+ 0·75	+ 1·77	+ 4·29	— 2·03	— 0·38	+ 5·98
	Chandragiri .	— 0·29	— 0·22	— 0·31	— 0·42	+ 1·00	— 1·22	— 1·27	+ 1·43	— 1·58	— 3·06	+ 1·16	— 1·55	— 6·33
	Arcot .	— 0·40	— 0·52	— 0·38	— 0·45	+ 2·98	— 1·84	+ 0·22	+ 0·58	— 0·76	— 3·44	+ 1·98	— 0·04	— 2·07
	Madras .	— 0·21	— 0·28	— 0·41	— 0·50	+ 0·95	— 0·14	+ 0·84	+ 3·56	— 2·40	+ 13·11	— 4·17	+ 2·42	+ 12·77
	Palmaner .	— 0·20	— 0·19	— 0·32	— 0·24	+ 1·60	— 0·68	— 1·29	— 0·99	+ 7·48	— 9·60	+ 3·85	— 0·87	+ 7·55
	Saidapet .	— 0·76	— 0·25	— 0·36	+ 0·47	+ 1·75	— 0·97	+ 1·38	+ 4·83	— 2·63	+ 4·04	— 2·35	+ 2·01	+ 7·16
	Chingleput .	— 0·42	— 0·28	— 0·14	— 0·13	+ 2·50	+ 3·23	+ 0·07	+ 2·33	+ 0·93	+ 5·16	+ 15·00	+ 2·85	+ 31·10
	Conjeeveram .	— 0·14	— 0·37	— 0·15	— 0·31	+ 2·25	+ 0·36	— 0·72	+ 6·97	+ 1·26	+ 0·28	+ 6·71	+ 2·32	+ 18·46
	Tindivanam .	+ 0·11	— 0·50	— 0·27	— 0·03	+ 4·95	— 0·72	— 0·90	— 0·55	— 3·21	+ 0·70	+ 0·70	+ 1·75	+ 2·07
	Cuddalore .	— 0·51	— 0·26	— 0·38	— 0·54	+ 7·20	+ 0·03	+ 2·87	— 2·34	— 1·57	+ 8·41	— 1·13	+ 11·25	+ 22·99
	Vriddhachalam .	— 0·42	— 0·29	— 0·24	— 0·08	+ 1·85	+ 0·03	— 0·15	— 2·34	— 0·69	+ 1·50	— 0·26	+ 3·75	+ 2·66
	Udayarpalaiyam .	— 0·32	— 0·31	— 0·20	— 0·74	+ 3·75	— 1·37	+ 0·29	— 1·49	+ 2·77	+ 1·46	— 2·05	+ 3·43	+ 5·23
	Salem .	— 0·31	— 0·07	— 0·92	— 1·49	— 1·61	+ 0·74	+ 0·17	— 0·51	— 0·36	— 3·73	+ 4·31	— 0·31	— 4·09
	Atur .	— 0·13	— 0·22	— 0·65	— 1·25	— 2·93	+ 0·95	— 1·16	— 1·15	+ 6·89	— 2·88	+ 1·54	— 0·32	— 1·31
	Shevaroy Hills .	— 0·07	+ 0·33	— 0·41	+ 0·20	— 0·71	+ 4·81	— 2·12	— 2·21	+ 3·82	— 2·82	+ 5·84	— 0·38	+ 6·28
	Kumbakonam .	— 0·43	— 0·44	— 0·44	— 0·60	+ 9·31	— 1·92	+ 0·75	— 3·23	+ 4·38	— 1·89	— 2·07	+ 3·27	+ 6·69
	Tirupatur .	— 0·12	+ 0·33	— 0·56	+ 0·39	— 0·74	— 0·81	— 2·22	— 2·90	+ 4·71	— 1·17	+ 0·78	— 0·99	— 0·96
	Hosur .	— 0·22	— 0·25	— 0·63	+ 0·34	— 1·62	— 0·58	— 0·21	— 2·86	+ 1·91	— 2·54	+ 3·58	— 1·00	— 4·08
	Tranquebar .	— 1·11	— 0·34	— 0·15	— 0·45	+ 5·38	— 1·20	+ 0·40	— 3·24	— 1·79	— 0·07	— 1·03	+ 0·35	— 3·25
	Negapatam .	— 0·35	— 0·83	— 0·26	+ 0·18	+ 4·48	— 0·55	+ 1·10	— 2·53	— 0·80	+ 6·32	— 0·69	— 2·28	+ 5·79
	Tanjore .	— 0·62	— 0·39	— 0·49	+ 0·30	+ 3·92	— 0·42	— 0·42	+ 0·23	— 2·38	— 0·56	— 1·19	— 2·13	+ 0·11
	Putukota .	— 1·11	— 0·76	— 0·41	+ 0·88	+ 4·23	— 0·95	+ 0·74	— 2·66	— 1·89	+ 0·42	— 0·25	+ 3·19	+ 2·33
	Trichinopoly .	— 0·96	— 0·48	— 0·71	+ 0·89	+ 1·66	— 0·59	— 1·59	— 3·97	— 1·32	— 4·48	— 1·58	— 0·28	— 13·32
	Karur .	— 0·27	— 0·11	— 0·40	+ 0·17	— 0·88	— 0·82	— 0·02	— 2·51	+ 2·41	— 3·12	+ 3·92	+ 0·24	— 1·39
	Coimbatore .	— 0·05	— 0·14	— 0·58	— 0·80	— 0·46	+ 0·35	— 0·46	— 0·98	+ 0·06	— 2·28	— 0·04	— 0·68	— 6·06
	Kollegal .	— 0·20	— 0·05	— 0·62	+ 0·33	— 2·35	+ 0·08	— 1·70	— 3·92	+ 0·06	— 7·07	+ 0·40	— 0·72	— 15·76
	Dindigul .	— 0·41	— 0·29	— 0·54	— 0·15	— 1·01	+ 0·45	— 0·88	— 1·14	— 0·94	— 1·74	+ 0·47	— 1·44	— 4·74
	Madura (Observ.)	— 0·52	— 0·39	— 0·58	— 1·74	+ 1·13	— 1·23	— 0·88	+ 0·79	— 1·75	— 4·57	+ 3·20	— 2·92	— 3·62
	Pasumali .	— 0·70	— 0·43	— 0·75	— 1·65	+ 1·37	+ 0·06	— 1·64	— 1·28	+ 2·58	— 4·27	+ 1·69	— 2·14	— 2·88

TABLE XXXI.—*Comparison of the monthly and total rainfall in 1888, with the averages of Table XXX*—continued.

PROVINCES.	STATIONS.	January.	February	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
MADRAS—*concld.*	Vattanum	— 1·10	— 0·84	— 0·66	— 2·29	+ 0·40	— 0·67	— 0·86	— 0·40	— 0·89	+ 3·33	+ 1·14	— 0·59	— 3·48
	Periyakulam	— 0·71	— 0·72	— 1·70	— 0·35	+ 1·35	— 0·90	— 0·27	— 1·59	+ 1·80	— 1·23	+ 0·77	+ 0·19	— 3·36
	Tinnevelly	— 1·21	— 0·86	— 1·06	— 0·31	+ 1·49	— 0·22	— 0·31	— 0·54	— 0·31	+ 13·60	— 2·70	+ 2·48	+ 10·08
	Tuticorin	— 1·00	— 0·54	— 0·58	— 0·82	+ 2·31	— 0·10	— 0·19	— 0·37	+ 0·45	+ 8·90	+ 2·35	+ 8·17	+ 18·58
	Satur	— 0·36	— 0·56	+ 1·61	+ 0·54	+ 0·87	— 0·63	+ 0·41	— 0·05	+ 2·09	+ 3·88	— 0·27	+ 2·76	+ 10·27
	Cochin	— 0·88	+ 0·11	— 1·30	— 2·43	+ 5·68	+ 6·51	— 5·36	— 1·17	— 2·47	— 3·14	+ 4·45	— 1·31	— 1·31
	Palghat	— 0·06	+ 0·24	— 0·44	— 0·30	+ 1·74	+ 4·32	+ 1·02	+ 1·40	— 0·03	— 4·44	— 0·41	— 0·86	+ 2·18
	Wellington	— 0·07	— 0·21	— 1·47	+ 0·07	+ 1·40	— 2·12	— 1·10	— 1·99	+ 1·26	— 0·44	— 0·56	— 1·10	— 6·27
	Manantoddy	— 0·22	— 0·28	— 1·03	+ 0·01	+ 1·59	+ 10·67	+ 11·60	+ 0·05	— 4·78	— 4·27	— 0·98	— 0·66	+ 11·70
	Calicut	— 0·14	— 0·15	— 0·86	+ 2·47	+ 3·22	+ 21·51	— 8·89	+ 7·14	— 2·23	— 1·83	+ 4·21	— 1·61	+ 22·84
	Tellicherry	— 0·36	— 0·06	— 0·34	+ 4·61	+ 12·18	+ 38·09	+ 5·39	+ 16·23	— 5·20	— 3·10	+ 4·46	— 0·84	+ 71·00
	Cannanore	— 0·47	— 0·22	— 0·11	+ 1·35	+ 5·61	+ 16·12	— 9·57	+ 10·93	— 5·87	— 3·81	+ 5·51	— 0·54	+ 18·93
	Mangalore	— 0·15	— 0·08	— 0·11	— 0·40	— 2·66	+ 17·48	— 15·60	— 0·37	— 6·22	— 3·16	+ 2·96	— 0·45	— 8·76
MYSORE AND COORG.	Bangalore	— 0·21	— 0·14	— 0·44	— 0·92	— 0·26	— 1·39	+ 0·43	— 3·88	— 0·89	— 2·98	+ 5·27	— 0·65	— 6·06
	Mysore	— 0·09	— 0·13	— 0·66	+ 0·23	— 1·15	— 0·82	— 1·17	— 2·85	+ 2·10	— 3·18	+ 1·51	— 0·49	— 6·70
	Shimoga	+ 0·37	— 0·13	— 0·33	+ 1·08	+ 1·18	— 0·14	+ 4·88	+ 0·41	+ 0·97	— 3·39	+ 1·40	+ 0·29	+ 6·59
	Mercara	— 0·27	+ 0·45	— 1·02	— 0·88	— 1·08	+ 2·19	+ 10·79	+ 8·51	— 7·12	— 4·39	— 0·29	— 0·13	+ 6·74
	Kolar	— 0·25	— 0·02	— 0·29	+ 0·77	+ 0·70	+ 0·86	— 1·37	— 2·51	+ 0·78	— 2·15	+ 5·30	— 0·95	+ 0·87
	Tumkur	— 0·18	— 0·23	— 0·31	— 0·20	— 1·87	+ 1·12	+ 2·06	— 1·69	+ 4·19	— 4·93	+ 7·06	— 0·35	+ 4·61
	Chitaldroog	— 0·26	— 0·02	— 0·12	+ 1·16	+ 0·98	— 1·33	+ 1·70	— 0·54	— 1·21	— 3·32	+ 4·82	— 0·48	+ 1·38
	Chikmagalur	— 0·32	+ 0·24	— 0·80	+ 0·07	— 3·35	— 1·69	— 0·44	— 0·55	+ 2·15	— 5·10	+ 3·07	— 0·48	— 6·70
	Hassan	— 1·01	— 0·12	— 0·51	— 0·61	+ 0·16	— 1·44	— 0·17	— 0·67	+ 4·90	— 4·29	+ 3·09	— 0·70	— 1·37
BURMA	Akyab	+ 0·87	+ 0·35	— 0·33	+ 1·47	— 1·84	— 4·95	+ 9·46	+ 10·33	— 13·91	— 6·08	— 3·56	— 0·55	— 8·74
	Kyaukpyu	+ 0·29	+ 0·11	— 0·32	+ 1·20	— 3·41	+ 15·90	+ 41·62	+ 26·88	— 10·74	— 3·20	— 3·90	— 0·47	+ 63·96
	Sandoway	+ 0·28	— 0·06	— 0·14	+ 0·27	— 0·24	+ 11·07	+ 10·72	+ 21·00	— 13 11	— 6·99	— 2 55	— 0·17	— 20·08
	Rangoon	— 0·14	— 0·14	— 0·06	— 1·30	— 1·93	+ 8·73	+ 1·80	+ 3·80	— 0·85	— 1·80	— 1·32	— 0·07	+ 6·72
	Bassein	— 0·11	— 0·24	— 0·06	— 0·95	— 2·27	+ 22·74	+ 4·52	+ 1·99	+ 0·22	— 0·71	— 0·15	— 0·10	+ 24·88
	Diamond Island	— 0·30	— 0·15	— 0·01	— 1·09	— 1·34	+ 12·12	+ 0·36	+ 7·39	— 4·04	— 4·11	— 4·35	— 1·22	+ 3·26
	Henzada	— 0·02	— 0·28	0	— 0·58	— 3·33	+ 2·24	— 1·01	+ 12·01	+ 4·15	— 0·65	— 0·12	— 0·04	+ 12·37
	Myanaung	+ 0·60	— 0·04	— 0·02	— 0·89	— 1·70	+ 2·54	— 0·92	+ 1·99	— 4·70	— 0·82	— 1·43	— 0·13	— 5·52
	Prome	+ 0·02	0	— 0·01	— 0·70	— 1·36	+ 0·41	+ 1·97	— 3·76	— 2·29	— 2·33	— 0·79	+ 0·01	— 8·83
	Thayetmyo	+ 0·06	— 0·02	— 0·06	— 0·51	— 2·88	+ 3·62	— 4·22	— 1·95	— 4·21	— 1·18	— 1·86	+ 0·87	— 12·34
	Mandalay	?	?	?	?	— 5·78	+ 1·37	— 0·02	+ 0·22	— 7·69	— 1·34	— 0·21	— 0·06	?
	Shwoybo	?	?	?	?	— 1·75	— 0·36	— 0·72	— 1·52	+ 5·38	+ 0·16	— 1·24	0	?
	Yeu	?	?	?	?	— 0·24	+ 0·34	— 0·73	— 1·68	+ 4·73	— 0·06	— 0·30	0	?
	Minbu	?	?	?	?	?	+ 1·34	— 1·39	— 1·10	+ 1·04	+ 0·53	+ 0·10	+ 0·01	?
	Pyinmana	?	?	?	?	?	+ 4·56	+ 0·42	+ 1·33	— 3·38	+ 0·66	+ 0·54	+ 0·09	?
	Pagan	?	?	?	?	?	+ 1·41	— 0·71	+ 0·15	+ 4·04	— 1·60	— 0·57	+ 0·06	?
	Kyauksai	?	?	?	?	?	?	— 1·52	+ 2·19	— 1·11	— 0·47	+ 0·76	0	?
	Bhamo	?	?	?	?	?	?	?	+ 2·48	+ 3·97	— 3·49	+ 0·73	— 0·28	?
	Kendat	?	?	?	?	?	— 3·46	+ 1·05	+ 6·28	+ 6·78	— 0·66	+ 1·26	0	?

TABLE XXXI.—*Comparison of the monthly and total rainfall in 1888, with the averages of Table XXX*—concluded.

PROVINCES.	STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
BURMAH—*contd.*	Toungdwingyee	?	?	?	?	?	?	+ 0·81	+ 2·69	— 2·95	— 0·04	?	?	?
	Ye Methin	?	?	?	?	?	+ 1·13	+ 1·88	— 0·73	+ 1·35	— 0·77	?	?	?
	Fort Sagaing	?	?	?	?	?	?	?	?	+ 4·91	— 1·70	— 0·37	— 0·03	?
	Mingin	?	?	?	?	?	?	?	?	+ 5·77	— 0·33	— 1·08	— 0·10	
	Toungoo	— 0·03	— 0·15	— 0·03	— 1·12	— 1·80	+ 9·45	+ 2·91	+ 10·25	— 3·14	— 1·84	+ 0·34	— 0·10	+ 14·74
	Shwegyin	— 0·03	— 0·30	— 0·30	— 2·14	— 3·98	+ 9·02	+ 8·24	+ 8·68	— 11·29	— 6·91	— 1·20	— 0·09	— 0·30
	Moulmein	— 0·02	+ 0·03	— 0·20	— 1·08	+ 12·56	— 3·52	+ 11·66	+ 18·67	— 18·99	— 4·77	+ 0·83	— 0·02	+ 15·15
	Tavoy	— 0·17	— 0·53	— 0·62	— 3·72	+ 7·01	+ 16·46	+ 13·33	+ 15·14	— 15·83	— 4·18	+ 0·47	— 0·12	— 27·13
	Mergui	+ 0·83	— 1·44	+ 1·93	— 5·27	+ 2·81	+ 31·50	— 1·25	+ 6·95	— 3·23	— 0·81	+ 0·15	+ 0·61	+ 32·78
CEYLON	Jaffna	— 1·82	— 1·42	— 1·09	— 0·51	+ 2·56	— 0·81	0	— 1·02	— 1·97	— 1·47	— 0·78	+ 2·93	— 5·40
	Mannar	— 2·15	— 1·73	— 1·87	+ 5·84	+ 5·44	— 0·84	+ 0·63	— 0·58	— 0·67	— 4·02	+ 1·19	+ 1·31	+ 2·55
	Trincomalee	— 5·29	— 2·11	— 1·10	+ 0·53	+ 7·16	— 1·64	— 0·53	— 1·83	— 0·26	+ 0·13	+ 2·42	+ 2·34	— 0·18
	Batticaloa	— 7·07	— 1·27	— 2·26	— 0·61	+ 0·53	— 0·25	+ 0·87	— 1·53	— 1·41	+ 4·89	+ 1·40	+ 1·51	— 5·20
	Hambantota	?	— 1·65	— 1·16	— 0·09	+ 5·11	+ 4·15	— 1·24	— 1·39	— 1·53	+ 0·78	— 3·89	— 1·23	?
	Galle	— 1·19	— 2·16	— 2·44	+ 5·37	+ 3·75	+ 2·36	— 3·72	— 2·50	— 1·42	+ 3·49	— 0·13	— 4·86	— 3·45
	Ratnapura	— 1·70	— 1·03	+ 2·53	— 4·91	+ 4·97	+ 8·94	— 7·12	— 4·26	— 1·60	+ 0·52	+ 2·53	— 0·27	— 1·40
	Colombo	— 2·83	+ 1·45	— 3·43	+ 18·19	+ 2·61	+ 0·88	— 4·03	— 3·22	— 1·34	+ 2·72	+ 1·72	+ 0·49	+ 13·21
	Kandy	?	— 2·60	+ 0·71	— 1·81	— 1·39	+ 4·15	— 5·49	— 3·11	— 2·43	+ 8·52	— 4·77	+ 5·80	?
	Newera Eliya	— 5·01	— 2·33	+ 0·37	— 0·44	+ 4·07	+ 12·80	— 9·66	— 3·84	— 1·21	— 1·57	+ 0·26	+ 6·14	— 0·42
	Puttalam	— 1·65	— 1·37	— 1·55	— 2·01	+ 1·15	+ 2·31	— 0·44	— 0·09	— 0·93	+ 5·03	+ 0·43	+ 5·36	+ 6·24
	Anuradhapura	— 2·42	— 1·38	— 2·86	— 3·21	+ 4·35	— 0·63	— 0·84	— 2·31	+ 2·53	+ 0·99	— 6·46	— 1·42	— 13·66
BAY ISLANDS	Port Blair	— 0·82	— 1·21	— 0·49	— 1·54	— 1·43	+ 22·27	— 8·61	— 0·58	+ 5·55	— 1·52	— 2·53	— 0·08	+ 9·01
	Nancowry	— 1·00	— 1·80	— 1·27	— 0·68	+ 8·79	+ 3·72	— 7·32	— 2·72	+ 5·00	+ 13·40	+ 4·02	?	?

January.—The month was somewhat more unsettled than usual, but the disturbances or cold weather storms of the month were not very vigorous, and one of them was of a very unusual character. The first was a shallow depression which appeared off the Bombay coast on the 2nd and increased in intensity until the 4th, when it was approaching the Gulf of Cambay. It entered Guzerat on the 5th, and slowly filled up on the 6th and 7th. As no information has been received from ships in the Arabian Sea, it is not possible to state, with certainty, how and where this storm originated. It gave very abnormal rain for several days (from the 2nd to the 6th) in Western and Central India, including Berar, Hyderabad, the Central Provinces, Central India, and the whole of Bombay south of Surat.

The following amounts in 24 hours were received during the storm :—

Tanna	3·75 inches.
Goa	2·73 „
Baura	2·52 „
Byculla	2·12 „

The second disturbance of the month was a very shallow depression which formed or

appeared in Sind on the 11th and passed eastwards and filled up as it was approaching the hills. It gave some light showers in Sind and the hill districts of the Punjab. A third disturbance followed immediately and gave some light showers in the North-Western Provinces.

The fourth disturbance was first shown in Beluchistan on the 20th. It advanced slowly through Sind on the 21st, Rajputana on the 22nd, the Central Provinces and Central India on the 23rd, Bengal on the 24th, when it was filling up. It disappeared during the next 24 hours in Bengal or Burmah. This storm gave moderate general rain to the Punjab, North-Western Provinces and Oudh on the 22nd and 23rd, to Behar and the eastern districts of Central India on the 23rd, and a few showers in Bengal on the 23rd and 24th and to Burmah on the 25th. The rainfall was fairly distributed over the whole area, and was greatest in the North-Western Provinces.

It was immediately followed by the fifth disturbance of the month. This appeared on the north-west frontier on the morning of the 25th, and was transmitted eastwards apparently as an elongated trough. It stretched from the South-East Punjab to the Central Provinces on the 26th, and was deepest at its southern extremity. It passed through Ganjam, Orissa and South-West Bengal on the 27th. It advanced across the head of the Bay on the 28th, crossed the Arakan Coast on the 29th, and apparently filled up during the next 24 hours. This storm was more influential and furnished much larger supplies of rain than the preceding storms. It gave rain to Sind on the 24th and 25th, to the Punjab and Rajputana on the 25th and 26th, to Central India and the whole of the North-Western Provinces and Oudh and Bengal on the 26th, to the eastern districts of the North-Western Provinces, Bengal, Assam and Burmah on the 27th, and to Assam and Burmah on the 28th and 29th. The following rainfalls, exceeding 2 inches, received in 24 hours, were recorded during the storm: False Point in Orissa 3·58 inches on the 27th. Burrisal in East Bengal 2·02 inches on the 27th. The rainfall accompanying the storm was light in the Punjab and Rajputana, heavy in the North-Western Provinces, and moderate in Assam and Burma.

The sixth disturbance of the month was due to a small depression which appeared off the Sind and Cutch coasts on the 30th and advanced eastwards in Guzerat and Indore on the 31st. It filled up during the next 24 hours. This feeble storm gave light showers to Sind on the 29th and 30th, to Kattiawar, Cutch, Guzerat, and the adjacent districts on the 30th and 31st, and to Rajputana on the 31st.

The fourth and fifth storms of the month passed much further south than usual, and the third and sixth were very feeble and gave only a few light local showers, chiefly in North-Western India.

The rainfall of the month was in defect over the greater part of the Punjab and the adjacent hill districts. There was a moderate excess at Simla and Murree, and in the Sialkot, Gurdaspur, Guzranwalla, Hushiarpur and Jullunder districts, or at the foot of the hills between the Sutlej and Ravi.

It was generally in moderate excess in the North-Western Provinces, Oudh, Behar, Bengal (excepting North Bengal) and Assam. The excess was large in several parts of Chutia Nagpur and Orissa. It amounted to 3·16 inches at False Point, 2·81 inches at Jushpore, and 2·35 inches at Bispara.

The whole of North-Western and Western India, including Berar, Guzerat, Khandesh, Sind and Cutch, the North Deccan, the Konkan and Ghats, received from three to

five-tenths more than the small normal rainfall of the month. This was almost entirely due to the heavy and unusual rainfall accompanying the first storm of the month.

Rajputana, Central India, Orissa, and the Central Provinces, obtained nearly twice their average, and the excess ranged from one to two inches at a considerable number of stations in Central, North-Western and Western India. It was actually greatest at Tanna (3·84 inches) and Baura (3·06 inches) in the Bombay Presidency. The excess was also unusually large at Kurrachee (2·12 inches) and Tatta (2·24 inches) in Sind.

The rainfall over the whole of Madras, Mysore and Pegu was practically *nil*. It was very considerably below the average in Ceylon, which received an average of only ·8 inch, or barely a fifth of its normal average.

The following Table summarizes the chief features of the rainfall of January 1888:—

Provinces.	Normal average rainfall of month.	Actual average in 1888.	Excess or defect.	Excess or defect expressed as a percentage.
Western Himalayas	3·26	2·63	—0·63	— 19
Punjab Plains	1·13	1·11	—0·02	— 2
North-Western Provinces and Oudh	0·85	1·20	+0·35	+ 41
Rajputana	0·27	0·58	+0·31	+115
Central India States	0·66	0·97	+0·31	+ 47
Behar	0·65	0·86	+0·21	+ 32
Western Bengal and Chutia Nagpur	0·73	1·58	+0·85	+116
Lower Bengal	0·45	0·63	+0·18	+ 40
Eastern Himalayas	0·82	1·00	+0·18	+ 22
Assam and Eastern Bengal	0·70	0·99	+0·29	+ 41
Orissa and Northern Circars	0·26	0·65	+0·39	+150
Central Provinces South	0·49	1·42	+0·93	+189
Berar and Khandesh	0·38	1·55	+1·77	+466
Guzerat	0·07	0·36	+0·29	+414
Sind and Cutch	0·30	1·29	+0·99	+330
North Deccan	0·18	1·12	+0·94	+522
Konkan and Ghâts	0·29	1·97	+1·68	+579
Malabar and Ghâts	0·32	...	—0·32	—100
Hyderabad	0·13	0·39	+0·26	+200
Ceded Districts and Mysore	0·19	0·02	—0·17	— 89
Carnatic	0·60	0·17	—0·43	— 72
Nilgiris	0·72	0·65	—0·07	— 10
Ceylon	3·92	0·81	—3·11	— 79
Arakan	0·43	1·78	+1·35	+314
Pegu	0·09	0·10	+0·01	+ 11
Tenasserim	0·17	0·33	+0·16	+ 94
Bay Islands	1·80	0·89	—0·91	— 51

February—Was a very dry month over the Peninsula. It was more disturbed and rainy than usual over the greater part of Northern India.

The first disturbance of the month appeared on the north-west frontier on the 2nd. It advanced eastwards as a very shallow but rather extensive disturbance. It passed through Central India on the 3rd, the Central Provinces on the 4th, and disappeared during the next 24 hours. Although apparently a very feeble depression, it gave a heavy burst of rain over a large portion of Northern India. Rajputana and the northern districts of Bombay (including Sind, Kattiawar, Cutch and Guzerat) received light but general rain on the 2nd, the Punjab, Rajputana, Central India and the northern districts of Bombay, the North-Western Provinces and Oudh, moderate or heavy rain on the 3rd, and Central India, the North-Western Provinces and Oudh, light or moderate rain on the 4th. The heaviest rainfalls due to this storm were as follows :—

Districts.	Stations.	Rainfall, inches.	Date.
Rawalpindi	Murree	2·20	3rd
	Rawalpindi	1·54	,,
Hazara	Abbottabad	1·80	,,
	Chamba	1·50	,,
Sialkot	Sialkot	1·20	,,
Peshawar	Peshawar	1·01	,,
Muzaffargarh	Muzaffargarh	1·30	,,
Mooltan	Mooltan	1·10	,,
Dehra	Mussooree	1·46	,,
Kangra	Dharmsala	1·20	,,

Four very shallow depressions appeared during the remainder of the month in north-west India and were transmitted eastwards, giving cloudy weather and showers more or less local in character. The periods during which these depressions influenced the weather so far as to give moderate general rain were—

First.—On the 8th, 9th and 10th. Showers fell in the Punjab, chiefly on the 8th and 9th, and in Bengal and Assam on the 9th and 10th.

The rainfall was large in amount at many stations in Bengal and Orissa :—

Districts.	Stations.	Rainfall, inches.	Date.
P	Dhenkanal	2·00	9th
P	Talchar	1·76	,,
Singbhum	Chybassa	1·40	,,
Balasore	Bhuddruck	1·70	10th
	Balasore	1·40	,,
P	Angul	1·70	,,

Districts.	Stations.	Rainfall, inches.	Date.
Midnapore . . .	Tumlook	2·10	9th
24-Pergunnahs . .	Calcutta	1·65	10th
Howrah	Howrah	1·17	10th
Manbhoom . . .	Purulia	1·07	9th
Balasore	Balasore	1·32	9th
Hooghly	Hooghly	1·13	9th
Midnapore . . .	Midnapore	1·04	9th
24-Pergunnahs . .	Alipore (Obsy.) . . .	1·49	9th
Jessore	Jessore	1·05	10th
24-Pergunnahs . .	Busseerhat	1·21	10th
Ditto	Alipore (Jail)	1·45	10th

Second.—From the 11th to the 14th. The Punjab obtained showers on the 12th and 13th, and Bengal and Assam on the 13th and 14th.

Third.—From the 18th to the 22nd. This was the largest of the four disturbances. It advanced through Sind on the 18th, Rajputana and Central India on the 19th, the North-Western Provinces and Central Provinces on the 20th and 21st, and disappeared in the borders of Bengal and Orissa on the 22nd. The Punjab received scattered showers on the 19th; the Punjab, Rajputana, Berar and Hyderabad moderate rain on the 20th; the Punjab, Central Provinces, Hyderabad light to moderate showers on the 21st; and the Central Provinces and Berar light showers on the 22nd. The rainfall chiefly accompanied thunderstorms, and was hence local and scattered, and was in no case heavy.

Fourth.—From the 23rd to the 26th. This slight disturbance was different in character from the preceding. It apparently originated in Central India, and gave rain chiefly to that area (between the 22nd and 25th), and Rajputana on the 24th and 25th.

The month was practically rainless in Bombay (excepting Sind and Cutch), Mysore, and Madras, Burmah and the Bay Islands, and also in Behar in Northern India. The rainfall of the month amidst considerable variations was slightly in excess in the Punjab. It was almost universally above the normal in Rajputana and Central India. The excess was greatest at Ajmere, where it was 1·86 inches. It was in moderate defect over the whole of Oudh and the North-Western Provinces excepting Jhansi and Lalitpur, where it was respectively 1·63 and 1·17 inches in excess. These districts hence shared the heavier rainfall of Rajputana. It was more or less in defect over the greater part of Bengal. There was a moderate excess in some parts of South-West Bengal, in Orissa and Chutia Nagpur, more especially at Balasore (2·9 inches) and Gangpur (2·8 inches). The rainfall was, relatively to the normal, more or less in excess in Central India, Berar, Khandesh, Guzerat, Kattiawar, Cutch, Sind, Hyderabad, and Ganjam. The excess was absolutely greatest in Sind and Cutch, which received nearly an inch more than the normal amount (·2 inch).

The following table summarizes the rainfall data of February 1888 :—

Provinces.	Normal average rainfall of month.	Actual average in 1888.	Excess or defect.	Excess or defect expressed as a percentage.
Western Himalayas	2·88	2·98	+0·10	+ 3
Punjab Plains	0·93	1·01	+0·08	+ 9
North-Western Provinces and Oudh	0·54	0·35	—0·19	— 35
Rajputana	0·20	0·82	+0·62	+310
Central India States	0·29	0·82	+0·53	+183
Behar	0·47	0·01	—0·46	— 98
Western Bengal and Chutia Nagpur	0·66	0·82	+0·16	+ 24
Lower Bengal	0·92	0·99	+0·07	+ 8
Eastern Himalayas	0·70	0 62	—0·08	— 11
Assam and Eastern Bengal	1·22	1·12	—0·10	— 8
Orissa and Northern Circars	0·51	0·86	+0·35	+ 69
Central Provinces South	0·40	0·52	+0·12	+ 30
Berar and Khandesh	0·13	0·61	+0·48	+369
Guzerat	0·12	0·45	+0·33	+275
Sind and Cutch	0·22	1·20	+0·98	+445
North Deccan	0·03	0·03	0	0
Konkan and Ghâts	0·02	0·02	0	0
Malabar and Ghâts	0·21	0·21	0	0
Hyderabad	0·09	0·26	+0·17	+189
Ceded Districts and Mysore	0·09	0·02	—0·07	— 78
Carnatic	0·36	0·02	—0·34	— 94
Nilgiris	0·32	0·11	—0·21	— 66
Ceylon	2·29	0·82	—1·47	— 64
Arakan	0·64	0·94	+0·30	+ 47
Pegu	0·13	...	—0·13	—100
Tenasserim	0·62	0·06	—0·56	— 90
Bay Islands	1·54	0·04	—1·50	— 98

March.—Rainfall in March is due either to disturbances of the same character as the storms of the preceding cold weather months in Upper India, or to hot-weather disturbances in North-Eastern India, which chiefly originate either in the area of interacting land and sea winds in Bengal or near the hills of Northern India.

The month was drier than usual, and over a large part of the country, including nearly the whole of the Peninsula and Burma practically no rain fell (that is, the average actual rainfall was less than a tenth of an inch).

There were two periods of slight disturbance giving rainfall in North-West India during the month :—

1st.—On the 6th and 7th in Central India and the Central Provinces. This disturbance gave light thunder showers on these two days, chiefly to the Central Provinces and Berar.

2nd.—From the 10th to the 13th. A deep stationary depression overlay the Punjab on the 10th, and again on the 12th. During this unsettled period some light showers fell in the North Punjab on the 10th, frequent showers in the Punjab and North-Western Provinces on the 12th and 13th, and a few light showers in East Rajputana on the same days.

The rainfall of the month in North-Eastern India was due to the ordinary hot-weather conditions in Bengal and Assam. It occurred during three periods—

1st.—From the 9th to the 19th in Bengal and Assam.

2nd.—From the 23rd to the 28th in Assam and North Bengal.

3rd.—On the 30th and 31st in Assam.

The total rainfall of the month was very small in amount, and also generally below the small average of the period in all districts except Bengal and Assam. Assam and Eastern Bengal recorded an average of 5·65 inches, *i.e.*, 47 per cent. in excess of its normal amount. Central and South Bengal obtained their normal amount of 1·5 inches.

The rainfall was deficient in Ceylon, but to a much smaller extent than in the two previous months.

The following table summarizes the chief features of the rainfall of March 1888 :—

Provinces.	Normal average rainfall of month.	Actual average in 1888.	Excess or defect.	Excess or defect expressed as a percentage.
Western Himalayas	2·96	2·02	—0·94	— 32
Punjab Plains	1·11	0·49	—0·62	— 56
North-Western Provinces and Oudh	0·48	0·30	—0·18	— 38
Rajputana	0·11	0·19	+0·08	+ 73
Central India States	0·21	0·12	—0·09	— 43
Behar	0·38	0·14	—0·24	— 63
Western Bengal and Chutia Nagpur	0·78	0·16	—0·62	— 79
Lower Bengal	1·53	1·51	—0·02	— 1
Eastern Himalayas	2·26	3·32	+1·06	+ 47
Assam and Eastern Bengal	3·85	5·65	+1·80	+ 47
Orissa and Northern Circars	0·77	0·23	—0·54	— 70
Central Provinces South	0·54	0·28	—0·26	— 48
Berar and Khandesh	0·24	0·54	+0·30	+125
Guzerat	0·02	...	—0·02	—100
Sind and Cutch	0·20	0·21	+0·01	+ 5
North Deccan	0·23	0·15	—0·08	— 35
Konkan and Ghâts	0·07	0·16	+0·09	+129

Provinces.	Normal average rainfall of month.	Actual average in 1888.	Excess or defect.	Excess or defect expressed as a percentage.
Malabar and Ghâts	0·74	0·09	—0·65	— 88
Hyderabad	0·33	0·09	—0·24	— 73
Ceded Districts and Mysore	0·41	0·02	—0·39	— 95
Carnatic	0·49	0·09	—0·40	— 82
Nilgiris	2·06	0·59	—1·47	— 71
Ceylon	3·18	2·00	—1·18	— 37
Arakan	1·63	1·41	—0·22	— 13
Pegu	0·03	...	—0·03	—100
Tenasserim	0·94	1·14	+0·20	+ 21
Bay Islands	1·40	0·52	—0·88	— 63

April—Is a very dry month over near the whole of the interior of India, and the normal rainfall of the month is very small except in two areas. The first includes Arakan, Bengal and Assam (or North-Eastern India) which usually receive moderate general rain, chiefly during series of thunderstorms. Storms are of occasional occurrence in other districts, and although they differ in some of their more important features in different districts, they all belong to the class of storms known as hot-weather storms. The character of the hot-weather storms and of the accompanying rainfall of this period in different parts of India was briefly stated in pages 208—9 of the Report for the year 1887 and need not be repeated.

The second area of moderately heavy rainfall includes Ceylon, Malabar, Tenasserim and the Bay Islands. These districts, which are the first to come under the influence of the south-west monsoon, occasionally receive moderate to heavy rain during brief temporary advances of southerly humid winds, akin in many respects to the winds of the south-west monsoon period.

There were four periods of slight disturbance in the hill districts of Upper India, *viz.*, from the 1st to 3rd, the 12th and 13th, the 23rd and 24th, and the 30th. There was practically no rain in the Punjab Plains, Rajputana, Central India, Berar, Central Provinces, and the North-Western Provinces (excepting the districts of Saharanpur, Bijnor and Muzaffarnagar, which were visited by very severe thunderstorms and hail-storms on the 30th.

The rainfall in North-Eastern India (*i. e.*, Arakan, Bengal and Assam) was considerably above the normal. Frequent showers occurred in Assam during the first fortnight, which was a dry period in Bengal. From the 15th to the end of the month was a very disturbed period over the whole of North-Eastern India, and thunderstorms with heavy rain were of almost daily occurrence in nearly all districts of North, East and South Bengal and in Assam and Arakan, and thunderstorms with light or moderate rain of occasional occurrence in West Bengal, Behar and Chutia Nagpur. Many of the storms during this month were exceptionally severe, and three at least were true tornadoes. The first of these occurred at Dacca on the evening of the 7th, the second at Munshigunj on the same evening, and the third at Bhudressur in the Hooghly district on the 23rd. Accounts of these storms have been given under the heading of pressure. The following

statement gives some of the heaviest and more remarkable rainfalls accom panying these storms :—

Province.	Station.	Rainfall.	Date.
Bengal	Kissengunj	6·20 inches on the	26th
Ditto	Dinagepore	3·23 „ „	26th
Ditto	Demagiri	3·20 „ „	28th
Ditto	Rangamati	3·06 „ „	28th
Ditto	Dacca	3·00 „ „	24th
Ditto	Agartalla	3·08 „ „	21st
Ditto	Jalpaiguri	3·15 „ „	22nd
Assam	Cherrapunjee	3·08 „ „	4th
Ditto	Ditto	8·99 „ „	15th
Ditto	Ditto	4·00 „ „	16th
Ditto	Ditto	3·85 „ „	30th
Ditto	Gauhati	5·10 „ „	19th
Ditto	Silchar	3·72 „ „	15th
Ditto	Ditto	3·38 „ „	17th

In the Bombay-Deccan, Hyderabad and Madras, showers more or less local in character were of occasional occurrence. The periods of most general disturbance were from the 13th to the 15th (more specially in Southern Madras) and from the 17th to the 22nd (chiefly in Hyderabad and the Bombay-Deccan). The amounts, with very few exceptions, were small, and the only important rainfalls were registered in the Malabar Coast districts. On the 14th the rainfall was heavy at Cannanore (4·4 inches), Tellicherry (4·4 inches), and Trichinopoly (2·14 inches). The rainfall in South Madras and Malabar on the 13th and 14th was due to an early and feeble temporary advance of southerly humid winds.

The rainfall of the month was not only very small in amount but was in defect over the whole of the Punjab, North-Western Provinces, Central India, Central Provinces, Orissa, Berar, Khandeish, Sind, Cutch, Guzerat, the North Deccan, Hyderabad, Carnatic, Pegu and Tenasserim. It was considerably above the normal in Arakan, Assam, Eastern and Lower Bengal, and also to a slight extent in Behar. Orissa received less than half of its normal amount. The following table taken from the Bengal Meteorological Report for the month gives the variations in different parts of that province :—

Divisions.	Normal average, April.	Actual average, April 1888.	Excess or defect.
Orissa	1·34	0·62	—0·72
South-West Bengal	2·00	2·92	+0·92
East Bengal	3·67	8·20	+4·46
North Bengal	2·38	4·29	+1·91
North Behar	0·71	2·47	+1·76
South Behar	0·42	0·29	—0·13
Chutia Nagpur	0·46	0·21	—0·35

The Malabar Coast districts and Ceylon receive larger amounts than usual from the early invasion of humid southerly winds. The month was almost rainless in Lower Burma.

Tenasserim received an average of only ·6 inch or one-sixth of its normal amount. The deficiency in these areas was shared by the Bay Islands, but to a smaller extent. The total rainfall of the month averaged 32 per cent. of the normal at Port Blair and 86 per cent. at Nancowry.

The following table summarizes the rainfall data of April 1888 :—

Provinces.	Normal average rainfall of month.	Actual average in 1888.	Excess or defect.	Excess or defect expressed as a percentage.
Western Himalayas	2·06	1·24	—0·82	— 40
Punjab Plains	0·72	0·22	—0·50	— 69
North-Western Provinces and Oudh	0·22	0·13	—0·09	— 41
Rajputana	0·06	0·09	+0·03	+ 50
Central India States	0·11	0·07	—0·04	— 36
Behar	0·38	0·58	+0·20	+ 53
Western Bengal and Chutia Nagpur	0·56	0·24	—0·32	— 57
Lower Bengal	2·66	4·26	+1·60	+ 60
Eastern Himalayas	4·79	6·10	+1·31	+ 27
Assam and Eastern Bengal	8·16	11·84	+3·68	+ 45
Orissa and Northern Circars	1·07	0·56	—0·51	— 48
Central Provinces South	0·40	0·10	—0·30	— 75
Berar and Khandesh	0·19	0·03	—0·16	— 84
Guzerat	0·02	...	—0·02	—100
Sind and Cutch	0·18	...	—0·18	—100
North Deccan	0·98	0·65	—0·33	— 34
Konkan and Ghâts	0·20	0·35	+0·16	+ 80
Malabar and Ghâts	2·65	3·20	+0·55	+ 21
Hyderabad	0·47	0·37	—0·10	— 21
Ceded Districts and Mysore	0·99	1·49	+0·50	+ 51
Carnatic	0·98	0·68	—0·30	— 31
Nilgiris	3·01	3·08	+0·07	+ 2
Ceylon	5·57	6·93	+1·36	+ 24
Arakan	2·83	5·44	+2·61	+ 92
Pegu	1·08	0·19	—0·89	— 82
Tenasserim	3·69	0·63	—3·06	— 83
Bay Islands	3·56	2·45	—1·11	— 31

May—Was even drier than usual over the whole of the Gangetic Plain, and in Upper and Central India. The pronounced hot-weather conditions which obtained produced strong sea winds in Bengal which gave frequent thunder showers, more especially in East Bengal and Assam. These were most frequent during the latter half of the month

and some exceptionally heavy thunder showers were received at that time in Bengal and Assam. The heaviest rainfalls in 24 hours during the month were as follows :—

District.	Station.	Rainfall.	Date.
East Bengal	Agartalla	6·55 inches on the	28th
Ditto	Mymensingh	4·93 „ „	25th
Ditto	Kishorganj	4·12 „ „	25th
Assam	Cherrapunjee	16·68 „ „	3rd
Ditto	Ditto	6·30 „ „	25th
Ditto	Ditto	11·85 „ „	26th
Ditto	Ditto	5·50 „ „	27th
Ditto	Ditto	3·37 „ „	28th

The early advances of south-west humid winds in Southern India were stronger and more numerous than are usual in May. The first accompanied the advance of a small cyclonic storm across the Coromandel Coast. This storm formed on the 10th to the north-east of Ceylon, and advanced across the coast near Negapatam on the night of the 11th and broke up as a cyclonic storm on the 13th. It gave general rain over the whole of Madras from the 10th to the 15th, the rainfall extending northwards on the 13th, 14th and 15th, on which days general rain was received over the whole of Madras south of Ganjam, and in the South and Central Deccan. The following gives the larger rainfalls during this period :—

Station.	Rainfall.	Date.
Tranquebar	3·25 inches on the	10th
Negapatam	5·27 „ „	11th
Palmaner	4·20 „ „	11th
Vellore	3·75 „ „	12th
Cuddalore	5·00 „ „	12th
Tindevanam	5·00 „ „	12th
Rajahmundry	3·00 „ „	13th
Ongole	3·65 „ „	13th
Narsapatnam	4·50 „ „	14th
Vizagapatam	3·10 „ „	15th

A feeble advance, chiefly confined to the Malabar Coast districts, occurred on the 18th, 19th and 20th. Tellicherry received 7 inches on the 19th and Calicut 4 inches on the 18th.

Another advance, also chiefly directed towards the Malabar Coast districts, took place during the last week of the month on the 27th, 28th and 29th, and immediately preceded the large advance in the first week of June, which carried the monsoon current and first burst of the monsoon rains as far north as Bombay. The largest rainfalls during this advance were 4·1 inches on the 29th at Cannanore and 2·7 inches on the 28th at Tellicherry.

The Punjab received local thunder showers on the 1st, 18th and 31st, but the amounts were not large, and gave an average of only ·37 inch for the province, or less than half its normal amount.

The month was practically rainless in Sind, Guzerat, Rajputana and Central India.

In the hill districts of the North-West Provinces and Punjab frequent showers were received during three periods, *viz.*, on the 1st and 2nd, from the 17th to 19th, and from the 26th to the end of the month. At Naini Tal 2·4 inches fell on the 1st, and at the adjacent hill stations amounts exceeding one inch. As already noted in the pressure section, some very severe hailstorms occurred on the 1st in the Delhi district and adjacent districts of

the North-Western Provinces. In the plains of the North-Western Provinces thunder showers occurred on the 1st (chiefly in the north-western districts), on the 18th, and again on the 29th (when the rainfall was fairly general). The rainfall of the month was, however, below the average at almost all stations, and the province, as a whole, received barely half of its normal amount.

Behar received local showers on the 17th and 18th, and rather heavy and general rain on the 29th and 30th. The rainfall of the month was below the average to a moderate extent, except in one or two districts, which received very heavy rain on the 29th, 30th and 31st. These districts of heavier rainfall than usual included Bhagalpur, Monghyr, Durbhunga and Motihari.

Bengal received occasional showers from the 1st to the 14th and almost daily rain from the 15th to the end of month; many of the showers were very heavy in East Bengal during the letter half of the month. The rainfall of the month was hence above the average generally in the eastern and central districts, but was considerably below it in South-West Bengal and in the northern districts of North Bengal. The following table giving the data showing the distribution and character of the rainfall of the month is taken from the Bengal Meteorological Report for the month :—

Divisions.	Normal average, May.	Actual average, May 1878.	Excess or defect.
Orissa	3·91	3·60	—0·31
South-West Bengal	5·41	3·33	—2·08
East Bengal	9·26	8·38	—0·88
North Bengal	8 85	8·40	—0·45
North Behar	3·21	3·29	+0·08
South Behar	2·41	1·42	—0·90
Chutia Nagpur	2·85	1·10	—1·75

The deficiency was actually greatest at Jalpaiguri in North Bengal, which obtained 6·36 inches less than its usual amount. The excess was greatest at Kishorganj (11·28 inches) and Mymensingh (9·47 inches).

Assam (more especially Silchar and Cachar and the eastern portion of the valley of the Brahmaputra) received rain on almost every day of the month, and the total rainfall of the month was very generally in excess. Cherrapunjee obtained a total of 70 inches, or 19·11 inches in excess of the normal. The excess at Sylhet was 11·9 inches, at Tura 10·36 inches, and at Dibrugarh 8·01 inches. The rainfall of the month was slightly in defect in the central and western districts of the valley of the Brahamputra.

The rainfall of the Central Provinces, Berar and Khandeish was barely one-fifth of the normal small amount of the season, and was due to thunder showers which were very local in character.

Hyderabad received frequent and general rain between the 8th and 15th. The 13th and 14th were days of moderate general rain. The largest amount registered during the period was 2·6 inches at Bolarum on the 13th. The rainfall of the amount was above the average in all except the north-western districts, including Aurangabad, Bidar and Naldurg.

The Bombay-Deccan obtained moderate rain during the same period. The southern districts, including Dharwar, Belgaum, Bijapur and Kohlapur received frequent showers from the 24th to the end of the month, and the rainfall was hence very generally above the average. The excess at Satara was 1·58 inches, at Dharwar 1·35 inches, at Hubli was 2·33 inches, and at Mandargi, where it was greatest, was 3·75 inches.

Madras received much heavier rain than usual. The period of most general and abundant rainfall extended from the 11th to the 14th. Smaller bursts of rainfall (chiefly confined to the southern districts) occurred on the 18th and 19th, and again on the 27th, 28th and 29th. The total rainfall of the month was hence in excess in all except the most northern districts (including Ganjam and the Northern Circars) and in some parts of the South Deccan (chiefly Coimbatore and Cuddapah). The excess was very large at Kumbakonam (9·31 inches), Cuddalore (7·2 inches) and Tranquebar (5·38 inches) in the Coromandel Coast districts and at Tellicherry (12·18 inches) and Cochin (5·68 inches) on the Malabar Coast.

Mysore received rain during the same periods as Madras, but the total amounts were generally below the average to a moderate extent.

Rain fell in Tenasserim almost daily from the beginning of the month.

In Lower Burmah frequent showers fell after the 10th, but the amounts were generally small. Moulmein received some heavy rainfalls during the month; 6·78 inches were registered on the 15th and 6·85 inches on the 26th. The rainfall of the month was below the average over the whole of Pegu by amounts varying from ·25 inch at Sandoway to 3·98 inches at Shwegyn. It was considerably above it in Tenasserim, more especially at Moulmein, which received 12·56 inches above its average (19·77 inches), and Tavoy, where the excess was 7·01 inches.

The following table summarizes the chief features of the rainfall of May 1888:—

Provinces.	Normal average rainfall of month.	Actual average in May 1888.	Excess or defect.	Excess or defect expressed as a percentage.
Western Himalayas	2·80	2·07	—0·73	— 26
Punjab Plains	0·77	0·37	—0·40	— 52
North-Western Provinces and Oudh	0·77	0·46	—0·31	— 40
Rajputana	0·53	0·01	—0·52	— 98
Central India States	0·42	0·07	—0·35	— 83
Behar	1·84	1·31	—0·53	— 29
Western Bengal and Chutia Nagpur	2·25	1·53	—0·72	— 32
Lower Bengal	6·48	6·00	—0·48	— 7
Eastern Himalayas	10·86	6·19	—4·67	— 43
Assam and Eastern Bengal	14·33	17·23	+2·90	+ 20
Orissa and Northern Circars	2·70	2·86	+0·16	+ 6
Central Provinces South	0·94	0·22	—0·72	— 77
Berar and Khandesh	0·58	0·11	—0·47	— 81
Guzerat	0·33	...	—0·33	—100
Sind and Cutch	0·12	...	—0·12	—100

Provinces.	Normal average rainfall of month.	Actual average in 1888.	Excess or defect.	Excess or defect expressed as a percentage.
North Deccan	1·91	2·88	−0·97	+ 51
Konkan and Ghâts	1·37	1·06	−0·31	− 23
Malabar and Ghâts	7·68	10·97	+3·29	+ 43
Hyderabad	1·16	1·74	+0·58	+ 50
Ceded Districts and Mysore	3·27	2·88	−0·39	− 12
Carnatic	2·52	4·41	+1·89	+ 75
Nilgiris	4·05	5·45	+1·40	+ 35
Ceylon	6·74	10·10	+3·36	+ 50
Arakan	11·10	10·37	−0·73	− 7
Pegu	7·04	4·96	−2·08	− 30
Tenasserim	16·07	20·67	+4·60	+ 29
Bay Islands	14·84	18·52	+3·68	+ 25

June.—The setting in of the rains over Northern India during the month was accompanied by several abnormal features, which were due to remarkable and very unusual conditions in the Bay of Bengal. The pressure and temperature conditions at the beginning of the month in Upper India were very favourable to the rapid advance and establishment of the monsoon currents over Northern India.

The monsoon current advanced from the Malabar Coast to the Coast of the Konkan on the 4th. It commenced feebly and gave light showers on the 5th and 6th. On the 7th heavy rain fell at all the west coast stations from Bombay southwards, and from that date rain fell almost daily in the west coast districts south of Surat. The commencement of the south-west monsoon on the Bombay Coast in 1888 hence dates from the 5th of June.

At the commencement of the month weather was unsettled and squally in the Bay. An area of depression formed to the north-west of the Andaman Islands on the 1st and 2nd. It failed to concentrate, and drifted as a shallow depression and area of disturbance and squally weather in a north-westerly direction (filling up slowly as it advanced) towards the Orissa Coast, and reached the coast of that province on the 5th. It was then of very slight importance, and filled up entirely during the next 24 hours. A feeble burst of monsoon winds accompanied its advance. These gave general but moderate rain to Burmah, Bengal and Assam until the 10th and 11th. Meanwhile the current from the west coast had advanced into the interior, and gave frequent showers to the Central Provinces, Central India and the greater part of Upper India.

On the 11th the Bengal current fell off in strength, and calms or variable airs prevailed over the Gangetic plain. North-westerly winds set in again on the 13th, and dry hot weather prevailed over the whole of Northern India until the 26th. During this interval the Bay of Bengal current was largely directed to Burmah, which hence received copious rain. The wind directions at Diamond Island and Akyab indicated a persistent tendency towards the formation of a low pressure area and cyclonic circulation off the Arakan Coast.

It never developed, but was apparently associated with squally and very rainy weather off that coast.

During this period, from the 13th to the 26th, the air motion was also much feebler and more irregular on the west coast than is usually the case, and the monsoon current was very weak and unsteady. It gave moderate daily rain in the coast districts and occasional showers in the Deccan and Central Provinces, but the rainfall in the latter area was small in amount.

On the 26th the west coast current began to increase rapidly in force. Heavy rain fell in the coast districts. Humid winds advanced rapidly across Central India and Rajputana, and on the 28th general rain was received in the Punjab, North-Western Provinces, Rajputana and Central India, due to this strong advance of humid winds. Almost simultaneously an important change occurred at the head of the Bay. The winds at the coast stations shifted to their normal directions, the peculiar conditions in the Bay off the Arakan Coast vanished, and the monsoon current which had been blowing fairly steadily over the south and centre of the Bay advanced rapidly northwards and began to give general rain to South and East Bengal on the 27th, to North Bengal and North Behar on the 28th, and to South Behar and Chutia Nagpur on the 29th. The commencement of the monsoon rains in Bengal Proper properly dates from this advance, and not from the feeble and temporary invasion of humid winds of the first week of the month. The latter did not produce that permanent change in the weather conditions which is usually associated with the setting in of the south-west monsoon in Bengal. The south-west monsoon rains hence set in over the whole of Northern India from Bengal to the Punjab during the period 27th to the 30th of June, and although they were at least a fortnight later in Bengal than usual, and about a week later in the North-Western Provinces, they were on the whole somewhat earlier in the Punjab. The first week of July is the average date of their commencement in Upper India.

The greater part of the Punjab received occasional local showers during the first fortnight of the month, and the eastern and south-eastern districts during the last three days of the month. The rainfall was largely in defect in all the plain districts except Hoshiarpur. The average rainfall of the Province for the month was only ·9 inch, or 1·11 inches less than the normal. The deficiency was most marked in the south-east and east districts, more especially at Karnal (3·35 inches), Umballa (3·32 inches), Sialkot (2·47 inches), and Gujrat (2·3 inches), and was nearly as large at the hill stations of Murree (1·03 inches) and Simla (2·24 inches). It was absolutely largest at the hill station of Dharmsala (6·39 inches).

No general rain was received in Rajputana. Occasional showers, local in character, were received during the month. They were most general on the 14th and 15th and on the 23rd and 24th, and were chiefly thunder showers due to local disturbance. The rainfall of the month was hence universally in defect. The deficiency ranged from 2 to 4 inches in amount over the eastern and central districts, and averaged 1·6 inches for the whole area, which received barely 35 per cent. of its normal amount.

Central India obtained occasional showers during the first two weeks of the month (most generally on the 7th and 8th), and general and moderately heavy rain from the 27th to the end of the month in all districts except some parts of Indore, Gwalior and Bhopal, in which the rainfall was light and scanty. The rainfall was locally in excess at Indore

(1·50 inches) and Sohagpur (1·5 inches), but was more or less in defect at all other registering stations. The deficiency ranged from 1·2 inch at Nagode to 5·1 inches at Goona, and averaged 2·57 inches for the whole district.

The North-Western Provinces received some showers during the first week of the month. Dry hot weather again set in and continued until the 27th, when the monsoon current set in permanently. It gave moderate rain during the last three days of the month. The rainfall of the month was largely in defect over the whole province by amounts which varied considerably, but which were on the whole greatest for the western districts. The whole province received an average of only 1·81 inches or 2·83 inches less than the normal.

Bengal and Behar obtained light to moderate rain during and after the advance of a feeble storm from the Bay, or from the 1st to the 10th. From that date to the 26th hardly any rain fell in the Province except in East Bengal and the northern districts of North Bengal, which received occasional showers. The monsoon current again advanced across the coast in force on the 26th and began to give general rain from that date, but the amounts received during the last five days of the month were generally moderate and no very heavy rainfalls were recorded. The rainfall of the month was hence, with only one or two local exceptions, considerably below the average. The deficiency was largest and most marked in North and East Bengal, which usually receive heavy and almost continuous rain in June, and exceeded 10 inches at the following stations:—

Stations.	Actual rainfall, June.	Normal rainfall, June.	Deficiency.
	Inches.	Inches.	Inches.
Darjeeling	8·53	24·13	15·60
Mongpoo	12·54	28·88	16·34
Burrisal	6·45	16·51	10·06
Mymensingh	9·69	20·59	10·90
Noakholly	8·89	23·67	14·78
Chittagong	9·67	23·17	13·50
Cox's Bazar	12·30	33·09	20·79

The following table taken from the Bengal Meteorological Report of the month gives comparative data for different portions of the Province:—

Divisions.	Normal average, June.	Actual average, June 1888.	Defect.
Orissa	8·86	2·65	—6·21
South-West Bengal	10·09	5·76	—4·33
East Bengal	18·21	9·70	—8·51
North Bengal	17·76	12·22	—5·54
North Behar	8·73	5·29	—3·44
South Behar	6·68	2·60	—4·08
Chutia Nagpur	8·18	2·46	—5·72

In Assam the hill districts continued to receive abundant rain, notwithstanding the abnormal conditions of the month. This was however mainly due to a very heavy downpour which occurred from the 23rd to the end of the month. The character of the rainfall is best shown by the amounts registered at Cherrapunjee during this period:—

	Inches.		Inches.
23rd	12·01	27th	18·84
24th	14·50	28th	0·45
25th	12·40	29th	3·52
26th	16·66	30th	5·48

giving a total of 83·86 inches in eight days or an average of 10½ inches daily. The total rainfall of the month was 107·56 inches, and hence four-fifths of the rainfall of the month fell during the last eight days, when the monsoon current advanced permanently into Bengal. The data also show that the heavy monsoon rainfall commenced at Cherrapunjee three days before the termination of the drought or dry interval in Bengal. The rainfall of the month was below the average in the Assam Valley, but the deficiency was small in amount except in the eastern and central districts represented by Dibrugarh (8·28 inches), Tezpur (6·03 inches), and Goalpara (8·58 inches).

In the Central Provinces and Berar light to moderate general rain fell from the 6th to the 10th, and occasional showers from that date until the 26th, after which date fairly general rain was again received. The rainfall was considerably below the normal, more especially in the eastern districts. Thus Sambalpur received 7·64 inches less than its normal amount (12·45 inches) and Seoni 6·33 inches less. The deficiency averaged 12 per cent. in Berar and 33 per cent. in the Central Provinces.

Hyderabad obtained frequent showers during the month. Fairly general rain was received on the 12th and 13th, and again on the 26th, 29th and 30th. The total rainfall was, with some exceptions, below the average, but the deficiency was not large, and averaged 11 per cent. for the division

The Bombay Coast districts south of Broach received steady and almost continuous rain after the 6th. The monsoon set in quietly and without the heavy burst of rain which sometimes characterizes its commencement. The largest falls were registered during the last week of the month. The following gives the more noteworthy rainfalls in 24 hours in the west coast districts during the month:—

Honawar	6·07	inches on the	21st
	5·60	„ „ „	26th
Karwar	10·24	„ „ „	27th
	6·29	„ „ „	28th
Goa	6·29	„ „ „	17th
	6·39	„ „ „	18th
Vingurla	6·30	„ „ „	16th
	10·76	„ „ „	17th
Mohableshwar	6·86	„ „ „	29th
	9·76	„ „ „	30th
Baura	7·00	„ „ „	29th
	5·67	„ „ „	30th

Hence during this month the largest amounts were received at the coast ports and not at the top of the Ghâts. This is also shown more fully by the following :—

Stations at top of Ghâts.	Total rainfall of month.	Coast Stations.	Total rainfall of month.
Mohableshwar . . .	38·94	Honawar	72·69
Baura	56·28	Karwar	52·43
Matheran	31·81	Vingurla	54·45
Igatpuri	14·97	Ratnagiri	33·85
		Tanna	24·45
		Bombay	18·51

The Bombay-Deccan also obtained frequent rain during the same period.

The northern districts of Bombay, including Guzerat, Khandeish and Kattiawar, received some showers in the last week of the month, but they were partial and scattered. Sind and Cutch were practically rainless.

The rainfall of the month in Bombay was hence very irregularly distributed. The Konkan and Malabar coast districts received excessive rain. The following gives data in illustration :—

	Actual rainfall, June.	Normal rainfall, June.	Excess.
Honawar	72·69	41·36	31·33
Vingurla	54·45	35·18	19·27
Karwar	52·43	35·93	16·50

Over the Deccan, and in the North Bombay districts, including Colaba, Khandeish, Surat, Guzerat, Kattiawar, Cutch and Sind there was a general deficiency, which was, relatively to the normal, most marked in Guzerat, Kattiawar, Cutch and Sind.

The Malabar districts of Madras received steady and almost continuous rainfall during the month, and the total rainfall was even more largely in excess in that area than in the Konkan. The following data illustrate these abnormally heavy rainfalls :—

	Actual rainfall, June.	Normal rainfall, June.	Excess.
Tellicherry	79·27	41·18	38·09
Calicut	57·70	36·19	21·51
Mangalore	56·35	38·87	17·48
Cannanore	56·10	39·98	16·12
Manantoddy	33·90	23·23	10·67

Here, as further north, the excessive rainfall in the west coast districts accompanied diminished rainfall in the whole area from the Ghâts eastward to the Coromandel Coast. Frequent showers fell during the month, but the total rainfall was very generally below the normal, by amounts which averaged nearly 25 per cent. In the Carnatic and

in Mysore, the deficiency in Madras was greatest in the northern districts of Ganjam and the North Circars and the Native State of Jeypur, in which it ranged from one to five inches. That area received from one-half to one-quarter of its normal amount.

The delay in the establishment of the monsoon in Bengal accompanied a strong determination of the current to Burma, in which area excessive rain was received. Rain fell daily, except in some parts of Central Burma, including Mandalay, Yeu, Minbu and Shweybo, where there was a prolonged break during the last half of the month. Some very heavy rainfalls were received in the coast districts, *viz* :—

Stations.	Inches.
Mergui	10·00 on the 14th
	7·81 „ „ 15th
Tavoy	6·10 „ „ 10th
Akyab	7·48 „ „ 26th
Kyaukpyu	6·51 „ „ 18th

The total rainfall of the month was hence more or less above the average in all districts of Tenasserim and Lower Burma. There are not as yet sufficient data to enable rainfall averages for Upper Burma to be computed, and hence it is not possible to give comparative data for that area. Apparently the rainfall was, relatively to the normal, much less excessive than in Lower Burma, and may have been in defect in the central districts of Upper Burma. The following gives data for several stations in Tenasserim and Lower Burma :—

	Actual rainfall, June.	Normal rainfall, June.	Excess.
Mergui	62·74	31·24	31·50
Tavoy	56·52	40·06	16·46
Bassein	42·48	19·74	22·74
Kyaukpyu	57·71	41·81	15·90
Sandoway	61·60	50·53	11·07
Rangoon	27·75	19·02	8·73

The excessive rainfall was shared by the Bay Islands, where it was 79 per cent. above the average of the month. The excess averaged 52 per cent. in Pegu and Lower Burma and 39 per cent. in Tenasserim.

The following table summarizes the chief features of the rainfall of June 1888 :—

Provinces.	Normal average rainfall of month.	Actual average in 1888.	Defect.	Defect expressed as a percentage.
Western Himalayas	5·51	2·95	— 2·56	—46
Punjab Plains	2·01	0·90	— 1·11	—55
North-Western Provinces and Oudh	4·64	1 81	— 2·83	—61
Rajputana	2·47	0 87	— 1 60	—65
Central India States	6·01	3·44	— 2·57	—43
Behar	6·37	3·27	— 3 10	—49

Provinces.	Normal average rainfall of month.	Actual average in 1888.	Defect.	Excess or defect expressed as a percentage.
Western Bengal and Chutia Nagpur	7·69	2·79	— 4·90	—64
Lower Bengal	12·39	6·50	— 5·89	—48
Eastern Himalayas	26·67	20·47	— 6·20	—23
Assam and Eastern Bengal	24·02	23·00	— 1·02	— 4
Orissa and Northern Circars	7·45	3·68	— 3·77	—51
Central Provinces South	8·87	5·92	— 2·95	—33
Berar and Khandeish	7·13	6·27	— 0·86	—12
Guzerat	4·41	3·12	— 1·29	—29
Sind and Cutch	0·71	0·03	— 0·68	—96
North Deccan	5·03	4·05	— 0·98	—20
Konkan and Ghâts	33·25	36·52	+ 3·27	+10
Malabar and Ghâts	31·88	46·49	+14·61	+46
Hyderabad	5·16	4·59	— 0·57	—11
Ceded Districts and Mysore	3·06	2·36	— 0·70	—23
Carnatic	1·82	1·42	— 0·40	—22
Nilgiris	3·44	1·32	— 2·12	—62
Ceylon	6·03	8·65	+ 2·62	+43
Arracan	33·90	30·23	— 3·67	—11
Pegu	15·00	22·73	+ 7·73	+52
Tenasserim	34·86	48·22	+13·36	+39
Bay Islands	16·40	29·39	+12·99	+79

July.—At the end of the previous month the two great branches of the monsoon current had extended permanently over the whole of India to the Punjab, and conditions were favourable for their continued steady advance. The month of July was hence one of favourable rain over nearly the whole of India. The monsoon currents are generally strongest and most steady in the month of July. The Bombay branch of the monsoon current is, so far as India is concerned, much stronger and steadier than the Bay of Bengal branch. A prominent feature in the weather of the month of July is the number of small cyclonic storms which form as shallow depressions over the head of the Bay or in Bengal, and which almost invariably drift westwards along the trough of low pressure which on the average stretches from Orissa to Upper Sind or the Punjab, and separates the two areas in which the two branches of the monsoon current prevail exclusively. These storms give very heavy rainfall to the areas over which they advance, and withdraw aqueous vapour from neighbouring districts, and hence diminish the rainfall in those areas. They are hence an important factor in determining the distribution of rainfall during the month, more especially as their formation and advance is preceded by a partial suspension of rainfall in Northern India and is followed by a strong inrush of humid winds which give more or less general rain.

These storms are hence of considerable importance, although they are in the majority of cases of small intensity and unaccompanied with hurricane or violent winds, as they influence to a large extent the amount and distribution of the rainfall of this period.

The important storms and depressions of the month of July 1888 were as follows:—

1st.—Land-formed depression of 1st to 6th July.—This formed on the 1st in West Bengal, shortly after the first inrush of humid winds into Bengal, and was a moderate depression on the 2nd. It advanced into Behar on the 3rd, and the eastern districts of the North-Western Provinces on the 4th, where it was a deeper depression than hitherto. It was transferred to Oudh on the 5th, but was then beginning to fill up. I disappeared during the next 24 hours. It gave a heavy burst of rain to West Bengal, Behar, Chutia Nagpur, and the North-Western Provinces and Oudh.

The following give the heaviest falls in its track:—

Date.	Station.	Rainfall.	Date.	Station.	Rainfall.
		Inches.			Inches.
1st .	Burdwan	4·15	3rd .	Mozufferpore . . .	4·88
2nd .	Palamow	3·50	4th .	Cawnpore	6·63
	Hazaribagh . . .	3·65		Unao	6·25
	Chatra	4·95		Lucknow	4·21
	Mankur	4·96	5th .	Mainpuri	3·89
	Raneegunge . . .	3·33		Etawah	3·33
	Indas	4·00		Shahjahanpur . . .	3·05

The rainfall distribution was somewhat irregular, but the heaviest falls undoubtedly occurred in front of the advancing storm.

2nd.—Cyclonic storm of 11th to 15th July.—This formed in the north-west of the Bay on the 11th and 12th. It crossed the Orissa Coast late in the evening of the 13th, and advanced to the west-north-west across the eastern districts of the Central Provinces on the 14th, and into Bundelkhand and South-East Rajputana on the 15th, where it filled up during the day. It gave moderate general rain to the districts through which it passed. No excessive rainfalls were registered.

3rd.—Cyclonic storm of the 18th to 23rd July.—This storm formed in the north-west angle of the Bay on the 18th and 19th. It crossed the coast near Saugor Island on the afternoon of the 19th and advanced in a west-north-west direction through West Bengal and Chutia Nagpur on the 20th and South Behar on the 21st into the eastern districts of the North-Western Provinces on the 22nd, where it filled up slowly on the 23rd and 24th. It gave moderate rain to West Bengal, Chutia Nagpur, South and Central Behar, and the eastern half of the North-Western Provinces and Oudh. A remarkable feature of this storm was a subsidiary depression which formed in Behar on the 24th, and filled up in the eastern districts of the North-West Provinces on the 25th and 26th. Very heavy rainfalls occurred during this subsidiary disturbance, the more noteworthy of which were:—

Barh	5·90	inches on	the 25th
Allahabad	6·31	„	„ „
Kheri	6·66	„	„ „
Sultanpur	5·62	„	„ „
Partabgarh	5·00	„	„ „

4th.—Land-formed storm of 29th July to 2nd August.—This was a feeble disturbance and depression which formed very slowly on the 26th and 27th in Behar and the eastern districts of the North-Western Provinces and was apparently the continuation of the secondary depression which followed the preceding storm. It advanced slowly into Bundelkhand and South-East Rajputana where it filled up on the 3rd and 4th of August. It gave moderate to heavy rain over its track.

The month was one of almost daily rain in the Punjab Himalayas. In the plains of the Punjab there were four periods of fairly general rain (except in the west and south-west districts, where hardly any rain was received). These were the 1st and 2nd, from the 11th to the 14th, from the 19th to the 22nd, and from the 27th to the end of the month. Hoshiarpur particularly received some heavy downpours, more especially on the 15th, when 5·71 inches fell, and on the 30th, when 5·84 inches were registered. The Karnal and Gurgaon districts obtained heavy rain on the 13th and 19th. The rainfall of the month was in defect over the whole province, with a few local exceptions, the chief of which were—

	Rainfall in excess. Inches.
Hoshiarpur	9·44
Karnal	3·23
Rawalpindi	5·40

The average rainfall for the province was 12 per cent. in defect.

In the south-west districts of Rajputana daily showers fell from the 12th to the end of the month, but the amounts were small, and gave total rainfalls varying from four to six inches. In Central and Eastern Rajputana there were two well defined breaks in the rains, one lasting from the 16th to the 20th, and the second from the 22nd to the 27th. Heavy and general rain was received on the 30th and 31st. At Jeypore a heavy local downpour on the 16th gave it 6·52 inches. The total rainfall of the month was in defect at all the reporting stations except Jeypore and Karowlee, where there was a slight excess. The deficiency was on the whole greatest in South-West Rajputana. At Mount Abu it was 12·02 inches, at Banswara 8·01 inches, and at Kotra 7·81 inches. The deficiency averaged 37 per cent. for the whole of Rajputana, and was hence relatively large in amount.

Central India received almost daily rainfall during the month. Some very heavy rainfalls were registered on the 26th, 27th and 28th, chiefly in the eastern districts. The rainfall of the month was hence largely in excess in the eastern districts, more especially in those represented by Sutna, Nagode, Sitlaha and Sohagpur, where the excess ranged from 5·7 to 8·8 inches. There was a large local deficiency in the western districts, more especially in Bhopal and Indore, which was chiefly due to the lightness of the rain showers. The deficiency at Bhopal was 8·70 inches, at Rutlam 8·52 inches, and at Agar 6·33 inches.

The month was one of almost daily rainfall in the North-Western Provinces. Excessive rain fell in the western districts on the 12th and again on the 19th. The following gives some of the more remarkable rainfalls of the latter day:—

	Inches.
Budaun	7·11
Bareilly	6·53
Moradabad	6·40
Muzaffarnagar	7·50

Very heavy rain was received in Oudh and the eastern districts of the North-

Western Provinces on the 25th and again on the 28th. Amongst the more remarkable rainfalls were—

Kheri	6·66	inches on the	25th
Allahabad	6·31	„ „	„
Sultanpur	5·62	„ „	„
Banda	9·39	„ „	28th

The rainfall of the month was hence almost universally in excess, but this was due rather to the occurrence of steady moderate rain than of occasional heavy downpours. There was a slight deficiency in the Agra, Aligarh, Muttra, Jhansi and Lalitpur districts bordering on Rajputana. The excess was very large in the following cases :—

	Actual rainfall, July 1888.	Normal rainfall, July.	Excess.
Budaun	28·09	11·31	16·78
Mainpuri	26·93	9·75	17·18
Farrukhabad	26·37	10·17	16·20
Cawnpore	24·00	10·20	13·80
Hamirpur	26·54	11·85	14·69
Banda	30·47	12·50	17·97
Allahabad	25·73	12·21	13·52
Robertsganj	23·98	13·46	10·52
Fyzabad	24·07	12·93	11·14
Partabgarh	22·66	11·11	11·55

and hence was greatest in the southern and central districts of the province. The whole province received an average of 18·08 inches or 52 per cent. above the normal. It may be noted that there was a curious local deficiency at Bahraich of 6·11 inches, whilst in all other districts of Oudh there was an excess, ranging from 2 to 12 inches. It is a striking instance of these local peculiarities of rainfall distribution which form one of the more remarkable of the minor features of the meteorology of the country.

Rain fell almost daily in every part of Bengal and Behar, but the distribution was somewhat irregular. There was a considerable deficiency in Orissa and the southern districts of Chutia Nagpur which it shared with Ganjam and the Northern Circars, and also in some parts of East Bengal. The largest positive variations from the normal are given below:—

	Actual rainfall, July 1888.	Normal rainfall, July.	Excess.
Bhagalpur	23·73	11·56	12·17
Krishnaghur	21·01	10·32	10·69
Monghyr	24·95	11·72	13·23
Khoolna	22·10	12·09	10·01
Noakholly	34·09	21·35	12·74
Cox's Bazar	61·25	41·31	19·94

The following table illustrates more fully the distribution of the rainfall of the month in Orissa :—

District.	Station.	Actual rainfall, July 1886.	Average rainfall, July.	Variation.
Balasore	Chandbalii	10·86	11·83	−0·97
	Bhuddruck	11·14	12·09	−0·95
	Sorah	9·14	11·95	−2·81
	Balasore	10·13	11·89	−1·76
	Jellasore	14·29	15·10	−0·91
	Baripudda	14·16	13·05	+1·11
Cuttack	Jagatsingpur	10·22	10·98	−0·76
	Banki	9·63	12·05	−2·42
	Cuttack	8·88	12·40	−3·52
	Kendrapara	6·75	11·79	−5·04
	Jajpur	11·85	13·19	−1·34
Pooree	Pooree	3·51	9·91	−6·40
	Kardah	7·64	12·55	−4·91
	Banpur	6·76	10·59	−3·83
	False Point	16·87	14·15	+2·72

The following table from the Bengal Meteorological Report of the month shows the variation from the normal in different parts of the province :—

Division.	Actual rainfall, July 1886.	Normal average, July.	Variation from normal, July 1886.	Percentage variation.
Orissa	10·18	12·59	−2·41	−19
South-West Bengal	15·71	12·00	+3·71	+31
East Bengal	19·00	10·34	+3·26	+20
North Bengal	14·03	14·01	+0·02	0
North Behar	16·11	12·37	+3·74	+30
South Behar	16·22	12·02	+4·20	+35
Chutia Nagpur	10·76	13·13	+3·63	+28

In Assam the variations from the normal were somewhat remarkable. The valley of the Brahmaputra received slightly more rain than usual, but there was a large deficiency in the Khasia and Jaintia Hills. Cherrapunjee only received 72·19 inches or 44·25 inches less than the mean. This was due entirely to the absence of heavy downpours at that station. The largest rainfall in 24 hours during the month was only 4·69 inches.

The Central Provinces and Berar received almost daily rainfall during the month. In consequence of the cyclonic storms of the period advancing in the great majority of cases into the North-Western Provinces and not into the Central Provinces as happens in two years out of three in this month, the rainfall was more moderate than usual and no heavy cyclonic downpours occurred. The 19th and 20th were the only days in which heavy rain was received. At Raigarh 6·25 inches were recorded on the 19th and at Sambalpur 8·12 inches on the 20th. The rainfall of the month was very irregularly distributed. The average for the whole province was approximately normal, but this was due to the fact that large deficiency in one district was compensated by excess in another.

The rainfall was generally below the average in the northern districts and above it in the southern. The following gives the largest variations :—

Stations.	Defect.	Stations.	Excess.
Pachmarhi	9·80	Raigarh	6·57
Saugor	6·21	Raipur	5·22
Saragaon	5 37	Chanda	8·85
Chhindwara	5·28	Sironcha	7·23

In Berar the rainfall was generally in excess. It was irregularly distributed, but to a less extent than in the Central Provinces. At Amraoti it was 8·63 inches in excess, and at Basim 3·92 inches in defect.

In Hyderabad rain fell daily until the 15th, and frequent showers, giving local rather than general rain, occurred during the last week. The variations were smaller in amount and more uniform than in the Central Provinces and Berar, and the rainfall was on the average of the whole area slightly in excess.

Almost daily rain was received in the Bombay Coast districts south of Surat and in the Bombay-Deccan. At the hill stations on the summit of the West Ghâts, the rainfall was excessive. Mohableshwar received a total of 124·75 inches or 21·39 inches in excess of the normal; Baura 100·15 inches or 11·99 inches in excess; and Igatpuri 67·07 inches or 29·77 inches in excess. The following gives the heaviest falls exceeding 8 inches at these hill stations :—

Mohableshwar	9·81	inches	on the	2nd
	12·45	„	„	3rd
	8·55	„	„	22nd
Baura	9·89	„	„	3rd
	8·62	„	„	21st
	10·32	„	„	22nd
Igatpuri	8·54	„	„	3rd

These data indicate that heavy rainfall in July frequently occurs at the same time along nearly the whole line of the West Ghâts.

The variations were small in the Bombay-Deccan and west districts south of Surat, and the average for the whole area was less than 8 per cent. in excess. The conditions were very different in the northern districts of Bombay, including Khandeish, Guzerat, and the Native States of Kattiawar and Cutch. In the whole of these the rainfall was very deficient, and fell chiefly during the period from the 13th to the 20th. The deficiency increased in amount northwards and averaged 6·82 inches in Guzerat, which received slightly less than half its normal rainfall and 1·64 inches in Cutch and Sind. The following give some of the more remarkable variations :—

Stations.	Actual rainfall, July.	Normal rainfall, July.	Defect.
Godhra	3·32	16·18	12·86
Edar	4·69	16 62	11·93
Ahmedabad	2·32	11 26	8·94
Kaira	6·08	14·20	8·12
Palanpur	3 01	10·87	7·86

The greater part of Madras received frequent light showers during the month. The central districts and the South Decçan obtained the most general rain between the 10th and 18th, and the Coromandel Coast districts between the 23rd and 25th. The southern districts, including Tinnevelly, Madura, Trichinopoly, Coimbatore, received little or no rain during the month. The most serious deficiency occurred in the northern districts of Ganjam and the Circars. The following data illustrate the character and extent of the drought in that area which was greatest in the hill districts to the west :—

Stations.	Actual rainfall, July.	Normal rainfall, July.	Defect.
Ganjam	2·91	5·22	2·31
Aska	*Nil*	6·75	6·75
Nowrangapur	14·30	22·37	8·07
Jeypur	12·35	22·14	9·79
Koraput	9·40	16·48	7·08
Cocanada	3·82	5·47	1·65

Excluding these districts, the variations were small, and the average rainfall of the Presidency was almost identical with the normal. Even in the Malabar Coast districts the rainfall differed very slightly in amount from the normal.

In Burma rain was received almost daily in all districts except Mandalay, Shweybo, Yeu, Minbi, Pagan and Kyauksai, and the rainfall in these districts was almost certainly considerably below the normal. At Kyauksai the total rainfall of the month was only 1·65 inches and at Minbu 1·73 inches.

The rainfall was above the normal in nearly all districts of Tenasserim and Lower Burma. The only district in which there was a considerable deficiency was Thayetmyo, which only received 3·59 inches, or 4 22 inches less than the normal. The excess was greater than 10 inches at the following stations :—

Stations.	Actual rainfall, July.	Normal rainfall, July.	Excess.
Kyaukpyu	91·43	49·81	41·62
Sandoway	72·62	61·90	10·72
Moulmein	56·45	44·79	11·66
Tavoy	59·83	46·60	13·23

The excessive rainfall at Kyaukpyu (of 91 43 inches) was due to steady heavy rain during the whole month. On ten days of the month the rainfall exceeded three inches, and on four days only it exceeded six inches, *viz*, on the 1st; when 8·59 inches were registered, on the 4th with 6·31 inches, on the 24th with 6·47 inches, and on the 29th with 7·7 inches.

The following table summarizes the rainfall data of July 1888 :—

Provinces.	Normal average rainfall of month.	Actual average in 1888.	Excess or defect.	Excess or defect expressed as a percentage.
Western Himalayas	14·15	17·61	+ 3·46	+24
Punjab Plains	6·28	5·55	— 0·73	—12
North-Western Provinces and Oudh	11·93	18·08	+ 6·15	+52
Rajputana	8·17	5·13	— 3·04	—37
Central India States	15·00	15·47	+ 0·47	+ 3
Behar	11·65	15·37	+ 3·72	+32
Western Bengal and Chutia Nagpur	13·22	16·69	+ 3·47	+26
Lower Bengal	13·07	15·06	+ 1·99	+15
Eastern Himalayas	28·34	33·42	+ 5·08	+18
Assam and Eastern Bengal	22·68	19·71	— 2·97	—13
Orissa and Northern Circars	11·25	8·26	— 2·99	—27
Central Provinces South	16·45	16·95	+ 0·50	+ 3
Berar and Khandeish	10·41	10·99	+ 0·58	+ 6
Guzerat	12·54	5·72	— 6·82	—54
Sind and Cutch	3·32	1·68	— 1·64	—49
North Deccan	6·29	6·84	+ 0·55	+ 9
Konkan and Ghâts	52·44	55·72	+ 3·28	+ 6
Malabar and Ghâts	31·90	30·56	— 1·34	— 4
Hyderabad	6·99	7·25	+ 0·26	+ 4
Ceded Districts and Mysore	3·52	3·38	— 0·14	— 4
Carnatic	2·35	2·30	— 0·05	— 2
Nilgiris	2·94	1·84	— 1·10	—37
Ceylon	4·06	1·35	— 2·71	—67
Arakan	37·52	49·50	+11·98	+32
Pegu	17·30	17·97	+ 0·67	+ 4
Tenasserim	39·57	47·54	+ 7·97	+20
Bay Islands	14·35	6·38	— 7·97	—56

August.—Strongly marked monsoon conditions prevailed over the whole of India, and the rainfall of the month was hence even heavier and more continuous than is usually the case in this month.

Normal south-west monsoon conditions prevailed at the commencement of the month. Pressure was highest in the south of India, Ceylon and Tenasserim and lowest in the Indus Valley, and a trough of low pressure lay over the southern edge of the Gangetic plain and the adjacent districts of the Central Provinces and Central India. Rainfall was general at that time over the whole of India. The winds decreased slightly in force from the 2nd to the 6th in Upper India, and the trough of low pressure was less

marked. The rainfall in the Punjab, Rajputana, and the western districts of the West Provinces also diminished in amount.

A small depression formed on the 6th in the north-west angle of the Bay and West Bengal, and extended over Chutia Nagpur and West Bengal on the 7th. The disturbance remained almost stationary until the 10th, and was transferred to the eastern districts of the North-Western Provinces on the 11th and 12th and filled up on the 13th. The in-draught to this shallow area from the Bombay and Bengal Coasts determined heavy and almost continuous rainfall for several days to the Central Provinces, Bengal, Behar, Chutia Nagpur, and the eastern districts of the North-Western Provinces.

Strong winds continued to prevail on the Bombay and Bengal Coasts, and gave fairly general but moderate rain until the 16th over the greater part of the country excepting North-Western India. On the evening of the 16th heavy localized rain fell in Behar and Chutia Nagpur, and a depression formed, the centre of which was between Burdwan and Hazaribagh. The depression travelled slowly westwards. The centre was near Sutna on the morning of the 18th, to the south of Jhansi on the 19th, and near Neemuch on the 20th, and finally passed into Lower Sind on the 21st, where the depression was absorbed into the area of permanent low pressure occupying that area and Biluchistan in August. This land-formed storm gave very heavy rain over its track. The following are the more noteworthy rainfalls during the storm :—

Date.	Stations.	Rainfall during previous 24 hours.
15th	Alipore	5·15
15th	Soory	5·64
15th	Nya Doomka	6·07
16th	Palamow	4·73
16th	Ranchee	4·60
16th	Sirguja	4·80
17th	Hazaribagh	7·09
17th	Gya	6·29
18th	Nowgong	5·64
18th	Nagode	4·00
18th	Sutna	2·95
18th	Lalitpur	3·15
18th	Saugor	6·44
18th	Damoh	4·80
19th	Rutlam	4·95
19th	Jhansi	1·75
19th	Partabgarh	5·48
19th	Banswara	4·12
19th	Bariya	6·55

Date.	Stations.	Rainfall during previous 24 hours.
19th	Godhra	6·20
20th	Mount Abu	7·71
20th	Oodeypore	4·24
20th	Banswara	5·77
20th	Palanpur	8·69
20th	Deesa	6·83
20th	Edar	4·40
20th	Rhahpur	4·30
20th	Nagar	3·00
21st	Bhuj	2·82
21st	Nagar	5·18

When this storm was passing through South-West Rajputana another storm began to form at the head of the Bay. It advanced across the Bengal Coast near Saugor Island on the 22nd, and marched very slowly to the north-north-west. The centre was near Krishnaghur on the morning of the 24th, and near Nya Doomka in the Sonthal Pergunnahs on the 25th. It then marched slowly on the 26th and 27th in a west-north-west direction across Central Behar, and passed into the eastern districts of the North-Western Provinces on the 28th and filled up there on the 29th and 30th. The storm was as remarkable for the violent winds at the head of the Bay which accompanied its advance in Bengal as for the excessive rain it gave to the area over which it passed. The following statement gives some of the more remarkable rainfalls in the storm area :—

Date.	Stations.	Districts.	Rainfall during previous 24 hours.
22nd	Kendrapara	Cuttack	7·22
22nd	Dharmsalla	Ditto	7·50
23rd	Contai	Midnapore	6·33
23rd	Saugor Island	Ditto	4·11
24th	Contai	Ditto	7·92
24th	Saugor Island	Ditto	11·14
24th	Tumlook	Ditto	8·30
24th	Ghatal	Ditto	11·05
24th	Alipore	24-Pergunnahs	10·19
24th	Dum-Dum	Ditto	12·36
24th	Howrah	Howrah	11·66
24th	Mohesrekha	Ditto	15·42
24th	Serampore	Hooghly	8·44
25th	Culna	Burdwan	5·60
25th	Chooadanga	Nuddea	6·25

Date.	Stations.	Districts.	Rainfall during previous 24 hours.
26th	Maldah	Maldah	5·49
26th	Nowadah	Gya	6·23
26th	Behar	Patna	5·70
26th	Barh	Ditto	5·40
26th	Jamui	Monghyr	6·28
26th	Rajmahal	Sonthal Pergunnahs	7·32
26th	Barhi	Hazaribagh	5·75
27th	Buxar	Shahabad	6·27
27th	Sasseram	Ditto	5·31
27th	Arrah	Ditto	5·50
27th	Gya	Gya	7·59
27th	Nowadah	Ditto	5·00
27th	Jehanabad	Ditto	9·05
27th	Arwal	Ditto	6·74
28th	Azamgarh	Azamgarh	4·70
28th	Muhammadabad	Ditto	5·40
29th	Mahul	Ditto	3·80
30th	Manjhanpur	Allahabad	7·00
30th	Cawnpore	Cawnpore	7·89
30th	Bilhaur	Ditto	7·00
30th	Narwal	Ditto	6·63

There were two periods of general rainfall in the Punjab. The first lasted from the 2nd to the 8th and the second from the 18th to the 24th. The latter was the more general and gave some very heavy downpours, of which the more noteworthy were 6·4 inches at Amritsar on the 23rd, 5·74 inches at Gurdaspur on the 23rd, and 5 inches at Sialkot on the 21st. The rainfall of the month was in excess in all districts except Peshawar, Kohat, Bannu, Dera Ismail Khan, and Mozaffargarh in the north-west and Kurnool and Hissar in the south. The excess was greatest in the eastern districts at Gurdaspur (8·36 inches), Sialkot (6·16 inches), Jhelum (5·67 inches), and Amritsar (5·75 inches), and averaged 1·23 inches or 23 per cent. of the normal for the whole province.

Rajputana, with the exception of the north-west districts including Bickaneer and Jeysulmere, received frequent and abundant rain during the month. Some very heavy rainfalls were experienced on the 3rd and again on the 24th. The total rainfall of the month was, with very few exceptions, above the average, and the excess averaged 3·17 inches for the whole division. The excess was above 8 inches at Jeypore (9·3 inches), Jodhpore (8·41 inches), Shahpura (8·75 inches), Malpura (8·57 inches), and Deoli (8·05 inches).

In the eastern and central districts of Central India the rainfall of the month was exceptionally heavy, and some very large falls were received, more especially on the 8th,

12th and 13th, and 18th and 19th. The rainfall in the Indore State and some parts of Bhopal was below the average, but to a smaller extent than in the preceding month. The excess averaged 6·2 inches or 57 per cent. of the normal, and exceeded 10 inches at several stations:—

Stations.	Actual rainfall, August 1888.	Normal rainfall, August.	Excess.
Nowgong	35·71	13·72	21·99
Maihar	28·93	12·51	16·42
Sohagpur	27·97	12·67	15·30
Goona	27·71	12·73	14·98
Sehawal	30·54	16·54	14·00
Ramnagar	28·04	16·24	11·80

The rainfall in the North-Western Provinces was irregularly distributed. The eastern districts and Oudh received excessive rainfall, in part due to two storms which advanced to these areas from the Bay of Bengal. The month was throughout one of fairly steady precipitation with some heavy downpours, chiefly on the 13th and 14th, and again on the 28th, 29th, 30th and 31st. These have been referred to above. The rainfall of the month was hence more or less largely in excess over nearly the whole of Oudh and the eastern and central districts of the North-Western Provinces. The following table gives the stations of greatest excess and indicates the areas of heaviest rainfall:—

Stations.	Actual rainfall, August 1888.	Normal rainfall, August.	Excess.
Banda	28·69	9·88	18·81
Fatehpur	24·72	9·48	15·24
Ghazipur	20·83	9·71	11·12
Unao	22·16	10·62	11·54
Rae Bareilly	20·87	9·81	11·06
Hardoi	19·95	9·66	10·29
Cawnpore	22·37	9·33	13·04

In the western districts there was frequent rain, but the total amounts for the month were generally slightly in defect. The same was the case at the hill stations. The deficiency was small at the plain stations, except at Bareilly (5·41 inches), Rudarpur (5·42 inches), Etah (3·24 inches), and Muzaffarnagar (3·28 inches). One of the more remarkable features of the month was the absence of any break in the rains.

August was a month of almost incessant rain in Bengal. One of the chief features of the month was the excessive precipitation which occurred over the track of the last storm of the month. This has been fully detailed above. The whole of Bengal, Behar, Chutia Nagpur and Orissa, with the exception of the Motihari and Durbhanga districts of North Behar and the northern districts of North Bengal (including Jalpaiguri, Cooch Behar and

North Purneah) received rainfall above the average, and over a large part of this area of heavy rainfall the excess was over 10 inches. It exceeded 15 inches at Howrah (15·47 inches), Kishnaghur (15·24 inches), Chittagong (16·41 inches), and Cox's Bazar (17·69 inches). The distribution of the rainfall is shown by the data contained in the following table taken from the Bengal Meteorological Report of the month :—

Divisions.	Normal average, August.	Actual average, August 1888.	Excess or defect.	Percentage variation.
Orissa	11·18	20·70	+9·52	+85
South-West Bengal . . .	12·76	20·05	+7·29	+57
East Bengal	15·87	21·02	+5·15	+32
North Bengal	14·13	12·22	—1·91	—14
North Behar	11·60	13·72	+2·12	+18
South Behar	11·30	19·10	+7·89	+70
Chutia Nagpur	13·20	17·63	+4·43	+34

The following gives data showing the amount of the deficiency in the districts of North Behar and Bengal in which the rainfall was below the average :—

Division.	District.	Normal average, August.	Actual average, August 1888.	Variation.
North Bengal	Bogra	11·63	11·38	—0·25
	Pubna	12·01	10·70	—1·31
	Rajshahye . . .	12·10	11·72	—0·38
	Maldah	12·02	15·87	+3·85
	Dinagepore . . .	11·50	11·52	+0·02
	Rungpore . . .	12·07	10·16	—1·91
	Jalpaiguri and Cooch Behar.	22·92	15·99	—6·93
North Behar	Purneah and North Bhagulpore.	13·68	10·82	—2·86
	Muzufferpore . .	10·08	11·13	+1·05
	Durbhanga . . .	10·75	9·85	—0·90
	Champaran . . .	11·94	8·22	—3·72

Rain occurred almost daily in Assam, but the total amounts were somewhat smaller than the normal, as was also the case in North Bengal. This was apparently due to the indraught to the storms diminishing the influx of aqueous vapour towards these areas which lay outside of and to the east of the storm areas. The deficiency averaged 3·7 inches for the province, and exceeded 8 inches at Chardner (9·19 inches), Dibrugarh (8·69 inches), and Shillong (8·20 inches).

The rains continued steadily without a break in the Central Provinces and Berar until the end of the month. The rainfall was very irregularly distributed. It was generally in excess in the northern and eastern districts and in defect in the southern and

western districts of the Central Provinces and in Berar. The following table gives data for selected stations in these two areas of excess and deficient rainfall :—

Stations.	Excess.	Stations.	Defect.
Saugor	19·19 inches.	Chanda	4·54 inches.
Narsinghpur	10·22 „	Wardha	4·43 „
Sambalpur	12·98 „	Amraoti	4·72 „
Damoh	9·90 „	Yeotmal	5·26 „

Hyderabad received daily showers until the 29th, when a short break set in. The showers were however unusually light, and the rainfall was hence universally in defect by amounts ranging from 1·47 inches at Indur to 6·5 inches at Bidur, and averaging 3·56 inches or 51 per cent. of the normal amount.

The Bombay current gave daily rain to the coast districts from Surat southwards, and to the greater part of the Deccan. The rainfall was very scanty in the districts of Khandeish, Ahmednagar, Sholapur and Bijapur. The following give data for these districts :—

Districts.	Stations.	Actual rainfall, August 1888.	Normal rainfall, August.	Defect.
Khandeish	Malegaon	0·29	4·19	3·90
Ahmednagar	Ahmednagar	0·54	4·14	3·60
Sholapur	Sholapur	0·81	6·07	5·26
Bijapur	Bijapur	1·41	3·89	2·48

The rains in fact failed almost entirely in these four districts during the month. The drought was on the whole most severe in Khandeish.

The rainfall in the northern districts, including Guzerat, Kattiawar, Cutch and Sind, was much more favourable than it had hitherto been. This was in part due to the excessive rainfall which the passage of the storm of the third week of the month from the Bay of Bengal gave in its later stages while approaching the Arabian Sea in Sind and Cutch. The rainfall of the month was hence generally in excess in all districts of Bombay except those stated above. The excess was large at the hill stations and also in Guzerat and Kattiawar, and generally moderate in other districts. There was a slight local deficiency in Bombay, Surat and Ahmedabad of little importance. The following gives the data of the hill stations :—

Stations.	Actual rainfall, August 1888.	Normal rainfall, August.	Excess.
Igatpuri	63·08	33·78	29·30
Mohableshwar	87·07	69·06	18·01
Matheran	83·38	52·22	31·16

The northern districts of Madras received frequent light showers during the month, and the central and southern districts occasional showers. There was a slight excess in Ganjam (averaging 2·5 inches) and in the Chingleput and North Arcot districts. Heavy and almost continuous rain fell in Malabar, which gave total amounts generally considerably in excess. Tellicherry received 16·23 inches above its average and Cannanore 10·93

inches. With these exceptions the rainfall of the month was everywhere in defect by moderate amounts. The deficiency was greatest in the South Deccan and southern districts of Coimbatore, Trichinopoly and Negapatam. It averaged 2·01 inches or 62 per cent. in the districts of Coimbatore, Trichinopoly, Negapatam, Bellary, and Cuddapah.

The greater part of Burma received daily rain. Those districts of Upper Burma which had obtained very scanty rain during the previous months (including Pagan, Mandalay, Shweybo, Yeu, Minbu and Kyauksai) obtained much larger amounts in August, probably not less than the normal amounts of the month, excepting perhaps Pagan, which received a total of only 2·84 inches, during eight rainy days. The rainfall of the month was in excess over the whole of Tenasserim and Lower Burma, excepting the districts of Prome and Thayetmyo, where there was a slight deficiency. The following gives data for these stations at which the excess was more than 10 inches :—

Stations.	Actual rainfall, August 1888.	Normal rainfall, August.	Excess.
Kyaukpyu	70·72	43·84	26·88
Sandoway	69·58	48·58	21·00
Moulmein	61·61	42·94	18·67
Tavoy	57·43	42·29	15·14
Henzada	29·62	17·61	12·01
Akyab	49·39	39·06	10·33
Toungoo	29·04	18·79	10·25

The following table summarizes the rainfall data of August 1888 :—

Provinces.	Normal average rainfall of month.	Actual average in 1888.	Excess or defect.	Excess or defect expressed as a percentage.
Western Himalayas	13·62	12·21	— 1·41	—10
Punjab Plains	5·35	6·58	+ 1·23	+23
North-Western Provinces and Oudh	10·23	13·63	+ 3·40	+33
Rajputana	7·33	10·50	+ 3·17	+43
Central India States	12·23	18·43	+ 6·20	+51
Behar	10·77	15·47	+ 4·70	+44
Western Bengal and Chutia Nagpur	13·75	20·61	+ 6·86	+50
Lower Bengal	12·86	17·15	+ 4·29	+33
Eastern Himalayas	26·07	20·60	— 5·47	—21
Assam and Eastern Bengal	19·62	17·44	— 2·18	—11
Orissa and Northern Circars	10·00	12·61	+ 2·61	+26
Central Provinces South	12·36	14·20	+ 1·84	+15
Berar and Khandeish	7·81	4·81	— 3·00	—38
Guzerat	8·65	9·15	+ 0·50	+ 6
Sind and Cutch	2·77	3·57	+ 0·80	+29
North Deccan	4·72	4·97	+ 0·25	+ 5

Provinces	Normal average rainfall of month.	Actual average in 1883.	Excess or defect.	Excess or defect expressed as a percentage.
Konkan and Ghâts	33·26	38·32	+ 5·06	+15
Malabar and Ghâts	17·22	22·56	+ 5·34	+31
Hyderabad	7·02	3·46	— 3·56	—51
Ceded Districts and Mysore	4·31	2·21	— 2·10	—49
Carnatic	4·04	3·30	— 0·74	—18
Nilgiris	3·90	1·91	— 1·99	—51
Ceylon	4·21	2·07	— 2·14	—51
Arracan	31·54	47·32	+15·78	+50
Pegu	15·97	19·93	+ 3·96	+25
Tenasserim	36·42	48·78	+12·36	+34
Bay Islands	13·54	11·89	— 1·65	—12

September.—The Bombay current retreated from Upper India quite at the beginning of the month, or at least a fortnight earlier than usual. The Punjab and Rajputana received no rain from this branch of the current after the 3rd, Central India after the 9th, and the Central Provinces after the 11th. During the remainder of the month it gave occasional rain to the west coast districts and the Deccan. It was hence unusually feeble during the month and gave much less rain than usual.

The Bengal current was stronger and gave much larger amounts of rain than the Bombay current. The rainfall was chiefly due to two cyclonic storms, and was hence very irregularly distributed. The second of these storms especially gave excessive rainfall over its track extending westwards from Orissa to the Central Provinces and thence northwards to the south-eastern districts of the Punjab and adjacent districts of the North-Western Provinces.

The first storm of the month formed in the north-west angle of the Bay on the 3rd, 4th and 5th, and crossed the Orissa Coast on the 6th. It passed through Chutia Nagpur into the eastern districts of the North-Western Provinces, and broke up on the 11th in the Basti and Gorakhpur districts, when approaching the hills. It gave a general burst of rain to Bengal, Behar, Chutia Nagpur and the North-Western Provinces. The rainfall was exceptionally heavy during the last two days of its existence in the North-Western Provinces. The following gives the heaviest rainfalls recorded during the storm :—

Date.	Stations.	Districts.	Rainfall.
			Inches.
6th	Balasore	Balasore	4·65
6th	Dhenkanal	Ditto	3·80
6th	Mahudi Hills	Hazaribagh	3·36
6th	Purulia	Manbhoom	2·87
7th	Karagdeha	Hazaribagh	4·30

Date.	Stations.	Districts.	Rainfall.
			Inches.
7th	Ranchee	Lohardugga	2·52
8th	Ghazipur	Ghazipur	4·70
8th	Azamgurh	Azamgurh	3·30
8th	Deogaon	Ditto	7·00
8th	Robertsgunj	Mirzapur	3·29
9th	Hata	Gorakhpur	2·10
9th	Harriya	Basti	3·73
9th	Domariaganj	Ditto	3·70
10th	Basti	Ditto	8·77
10th	Bansi	Ditto	19·60
10th	Domariagunj	Ditto	9·40
10th	Maharajgunj	Gorakhpur	8·00
11th	Maharagunj	Ditto	10·00
11th	Bansi	Basti	4·45

The second and last storm of the month originated outside the Indian area, probably in the Gulf of Siam and crossed Tenasserim, the Gulf of Martaban and Lower Pegu on the 13th and 14th. The centre advanced in a west-north-west direction across the Bay, and struck the Orissa Coast near False Point on the morning of the 16th. It thence advanced in a westerly direction into the Central Provinces on the 17th, and was nearly stationary for about 24 hours, when it recurved to north and passed through Central India and East Rajputana on the 19th. The storm then marched through the South-East Punjab and adjacent districts of the North-West Provinces and broke up on the afternoon of the 20th in the Simla and Mussooree hills, over which it advanced nearly or quite up to the first line of snowy peaks and gave a fall of snow to these higher elevations.

The following table gives the more remarkable rainfalls during the progress of the storm :—

Date.	Stations.	Rainfall.	Date.	Stations.	Rainfall.
		Inches.			Inches.
14th	Diamond Island	3·90	16th	Berhampore	5·02
13th	Bassein	2·73	16th	Dhenkanal	3·91
14th	Rangoon	2·62	16th	Angul	3·25
16th	Diamond Island	4·50	17th	Seoni	3·65
16th	Mandalay	3·30	17th	Badnur	4·02
16th	False Point	4·42	17th	Pachmarhi	4·00
16th	Cuttack	3·40	18th	Ditto	6·38
16th	Bispara	3·30	18th	Saugor	3·20

Date.	Stations.	Rainfall.	Date.	Stations.	Rainfall.
		Inches.			Inches.
18th	Morar	4·40	19th	Agra	5·88
18th	Nowgong	3·96	19th	Delhi	5·90
18th	Naini Tal	13·40	19th	Karnal	3·60
18th	Saharunpur	5·30	19th	Rohtak	3·70
18th	Muzaffarnagar	3·00	19th	Alwar	3·50
18th	Bijnor	3·80	19th	Bandikui	4·50
18th	Muttra	3·10	20th	Saharanpur	4·40
19th	Bhopal	5·00	20th	Roorkee	10·50
19th	Naini Tal	5·80	20th	Muzaffarnagar	4·30
19th	Shaharunpur	8·20	20th	Bijnor	4·72
19th	Roorkee	3·92	20th	Meerut	4·55
19th	Muzaffarnagar	3·00	20th	Umballa	8·40
19th	Bulundshahr	6·20	20th	Delhi	5·83
19th	Aligarh	6·86	20th	Karnal	5·50

Fine weather set in on the 21st over the whole of Northern India, and little or no rain fell during the remainder of the month, with the exception of some local showers in Bengal, Assam, Burma and the west coast of India.

The Punjab received some light local showers in the first week of the month. The south-east districts including Ludhiana, Umballa, Hissar, Rohtak, Delhi, Karnal and Gurgaon obtained very heavy rain during the passage of the storm of the third week of the month through them. The rainfall of the month in these districts was very largely in excess, as is shown by the following :—

Stations.	Actual rainfall, September 1888.	Normal rainfall, September.	Excess.
Umballa	20·90	4·79	16·11
Delhi	8·78	4·62	4·16
Karnal	11·40	4·12	7·28
Rohtak	4·65	2·88	1·77
Ludhiana	6·08	4·44	1·64

In the remaining districts the rainfall was either *nil* or very small in amount, and was largely in defect by amounts ranging from 0·6 inch in the western districts to 3 inches in the eastern districts of Sialkot.

The rainfall in Rajputana was practically *nil*, except in the eastern districts through which the storm of the third week of the month passed. Bandikui, Khetri and one or two stations hence received a slight excess, but over the greater part of Rajputana the rainfall was largely below the average. The deficiency was greatest in the south-western districts,

and was 8·47 inches in amount at Mount Abu, 7·71 inches at Banswara, 5·44 inches at Kotra, and averaged 2·24 inches for the whole area.

Central India obtained frequent showers from the 1st to the 9th, and heavy rain (more especially in the eastern districts) in connection with the storm of the third week. The heaviest fall was 5 inches at Bhopal on the 19th. There was a considerable deficiency in the total rainfall of the month in Indore, but in the eastern and central districts the rainfall was generally slightly in excess. The deficiency at Indore was 4·53 inches and at Neemuch 4·65 inches.

In the eastern districts of the North-Western Provinces and in Oudh the rains continued without a break until the 20th. In the western districts there was a long break from the 8th to the 17th. The eastern districts received abnormally heavy rain from the first storm of the month and the north-western districts from the storm of the third week. The two following statements give the four largest total rainfalls received during these two storms:—

Districts.	Stations.	18th.	19th.	20th.	Total.
Saharunpur	Saharunpur	5·30	8·20	4·40	17·90
	Roorkee	0·97	3·92	10·50	15·39
Meerut	Meerut	2·10	2·35	4·55	9·00
Aligarh	Aligarh	1·35	6·86	1·35	9·56

Districts.	Stations.	9th.	10th.	11th.	Total of three days.
Basti	Bansi	3·07	19·60	4·45	27·12
	Domariaganj	3·70	9·40	1 80	14·90
	Basti	1·67	8·77	...	10·44
Gorakhpur	Maharajganj	0·40	8·00	10·00	18·40

The rains suddenly ceased on the 20th over the whole province, and that date forms the termination of the south-west monsoon of 1888 in that province.

All districts, with the exception of Etawah, Fatehpur, Hamirpur, Lalitpur, received abundant and in many cases excessive rainfall. The greatest variations occurred in those districts near the hills traversed by the two storms of the month. They exceeded 10 inches in the following cases:—

Stations.	Actual rainfall, September 1888.	Normal rainfall, September.	Excess.
Fyzabad	20·10	8·59	11·51
Rudarpur	24·10	6·04	18·06
Muzaffarnagar	16·90	4·91	11·99
Roorkee	20·19	5·62	14·57
Saharanpur	21·65	4·60	17·05
Naini Tal	37·90	11·61	26·29

The average actual rainfall for the whole province was 3·67 inches or 56 per cent. above the normal.

In Bengal, Behar, Chutia Nagpur and Orissa steady rain, but much lighter than usual, fell until the 20th, after which occasional showers were received, chiefly in the northern and eastern districts. The total rainfall of the month was much below the average in all parts of the province with one or two local exceptions. The deficiency was relatively greatest in North Bengal and North Behar, and was absolutely greatest at Cooch Behar (13·32 inches). The following gives rainfall data for the seven meteorological divisions of the province taken from the Bengal Meteorological Report of the month, and shows the extent of the deficiency in various parts of Bengal:—

Divisions.	Normal average, September.	Actual average, September 1888.	Defect.
Orissa	10·42	9·30	—1·12
South-West Bengal	9·04	6·98	—2·06
East Bengal	12·17	8·55	—3·62
North Bengal	13·59	7·40	—6·19
North Behar	9·85	6·38	—3·47
South Behar	7·98	6·48	—1·50
Chutia Nagpur	8·84	7·15	—1·60

The same cause which produced diminished rain in Bengal and more especially in North Bengal gave rise to very scanty rain in Assam. Showers were received in all districts during the whole month, with the exception of two short periods, one including the 4th and 5th, and the other extending from the 13th to 17th. The showers were unusually light, and hence the total amounts were considerably below the normal. Thus Cherra Punjee received only 20·22 inches or 35·49 inches less than usual in September. The deficiency was of course much less marked in the plains of Assam, but averaged 5 inches for the province or 33 per cent. of the normal.

The rains continued until the 19th in the Central Provinces and Berars. Heavy rain fell in the eastern and northern districts during the passage of the storm in the third week of the month. This however did not, except in one or two cases, compensate for the deficiency during the remainder of the month, and hence the rainfall of the month was more or less considerably in defect in all districts. The deficiency was greatest at Chanda (6·00 inches), Sironcha (5·96 inches), Jubbulpore (5·88 inches), and Raigarh (5·78 inches), and averaged 2·58 inches for the Central Provinces and 2·63 inches for Berar and Khandesh.

Hyderabad received light showers during the month. There were three periods of fairly general rain, the first from the 5th to the 11th, the second from the 16th to the 18th, and the third from the 27th to the 3rd of October. The total rainfall of the month was universally in defect (chiefly in consequence of the lightness of the showers and not to less frequent rainfall than usual) by amounts ranging from ·5 inch at Raichur to 7·16 inch at Mominabad. The deficiency averaged 3·53 inches or 55 per cent. of the normal rainfall of the month.

The southern districts of Bombay including the West Deccan, obtain frequent light or moderate showers during the month. The weakness of the current was shown by the

entire absence of heavy general bursts of rain in the coast districts and the Ghâts. Practically no rain fell in the northern districts of Bombay or in Kattiawar, Cutch and Sind. The local rainfall of the month was hence in defect over the whole of the Presidency, with the exception of the Dharwar and Bijapur districts which received more frequent showers than usual. The deficiency was very large at the hill stations and in the coast districts. The following table gives data for representative stations in different parts of the Presidency :—

Stations.	Actual rainfall, September 1888.	Normal rainfall, September.	Variation.
Dharwar	7·06	3·44	+3·62
Bijapur	7·12	6·07	+1·05
Mohableshwar	13·95	32·35	—18·40
Baura	13·34	33·57	—20·23
Karwar	1·19	11·70	—10 51
Bombay (Byculla)	3·56	12·16	—8·60
Surat	0·24	6·75	—6·51
Ahmedabad	0	4·02	—4·02
Deesa	0	3·12	—3·12
Rajkot	0·07	4·01	—3·94
Bhuj	0	2·22	—2·22
Kurrachee	0	0·80	—0·80

The Madras Presidency received frequent showers generally more or less local in character, but there was, as in Bombay, an entire absence of heavy general rain. The total rainfall of the month was hence in defect, with a few local exceptions due to local heavy thunder showers. The deficiency was most serious in the northern districts of Ganjam and the Northern Circars. The following table gives data for that area :—

Stations.	Actual rainfall, September 1888.	Normal rainfall, September.	Variation.
Ganjam	5·46	8·51	—3·05
Gopalpur	3·23	7·82	—4·59
Vizianagram	3·45	7·52	—4·07
Bimlipatam	2·60	6·14	—3·54
Jeypur	7·40	11·49	—4·09
Vizagapatam	1·20	7·25	—6·05
Guntur	1·60	5·56	—3·96
Ongole	2·15	4·98	—2·83

In Burma rain fell in all districts almost daily, with the exception of a short break from the 19th to the 22nd. The southern districts of Upper Burma received more

favourable rain than during any previous month of the monsoon period. The chief feature in Lower Burma and in Tenasserim was the lightness of the showers, and in consequence the total rainfall of the month was very considerably below the average. The following gives examples:—

Stations.	Actual rainfall, September 1888.	Normal rainfall, September.	Deficiency.
Tavoy	17·33	33·16	−15·83
Moulmein	11·00	29·99	−18·99
Sandoway	11·13	24·24	−13·11
Kyaukpyu	10·15	20·89	−10·74
Akyab	8·81	22·72	−13·91
Rangoon	15·17	16·02	− 0·85

The deficiency was hence far more marked on the coast districts of Arakan and Tenasserim than elsewhere, or in those districts in which it had previously been most excessive.

The following table summarizes the rainfall data of September 1888:—

Provinces.	Normal average rainfall of month.	Actual average in 1888.	Excess or defect.	Excess or defect expressed as a percentage.
Western Himalayas	5·46	9·25	+3·79	+69
Punjab Plains	2·40	2·17	−0·23	−10
North-Western Provinces and Oudh	6·51	10·18	+3·67	+56
Rajputana	3·20	0·96	− 2·24	− 70
Central India States	6·85	5·61	− 1·24	− 18
Behar	7·96	7·16	− 0·80	− 1
Western Bengal—Chutia Nagpur	8·33	6·44	− 1·89	− 23
Lower Bengal	10·45	7·29	− 3·16	− 30
Eastern Himalayas	18·71	12·11	− 6·60	− 35
Assam and East Bengal	15·33	10·27	− 5·06	− 33
Orissa and Northern Circars	9·00	6·51	− 2·49	− 28
Central Provinces South	8·41	5·83	− 2·58	− 31
Berars and Khandeish	7·10	4·49	− 2·63	− 37
Guzerat	5·74	0·43	− 5·31	− 93
Sind and Cutch	1·10	...	− 1·10	− 100
North Deccan	4·54	6·90	+ 2·36	+ 52
Konkan and Ghâts	18·34	6·31	−12·03	− 66
Malabar and Ghâts	8·98	4·74	− 4·24	− 47
Hyderabad	6·44	2·91	− 3·53	− 55
Ceded Districts and Mysore	4·80	5·46	+ 0·66	+ 14

Provinces.	Normal average rainfall of month.	Actual average in 1883.	Excess or defect.	Excess or defect expressed as a percentage.
Carnatic	4·19	4·26	+ 0·07	+ 2
Nilgiris	4·59	5·85	+ 1·26	+ 27
Ceylon	4·72	3·70	— 1·02	— 22
Arakan	18·15	11·15	— 7·00	— 39
Pegu	12·18	10·32	— 1·86	— 15
Tenasserim	27·17	14·83	—12·34	— 45
Bay Islands	15·46	20·74	+ 5·28	+ 34

October—Was an unusually dry month over the whole of India. This was due to the combination of the earlier retreat of the south-west monsoon currents from Northern India than usual and the delay in the commencement of the north-east monsoon rains on the Coromandel or west coast of the Bay.

At the commencement of the month weather was fine and dry over nearly the whole of India. A depression was forming to the north of the Andamans. It advanced up the Bay; at first in a north-west direction, but recurved as it approached the Bengal Coast from north-west to north-north-east, and crossed the coast some distance to the east of Saugor Island about midnight of the 6th. It advanced into East Bengal and was broken up by the Assam hills on the 8th.

The humid winds which accompanied and followed this storm gave a burst of rain over the whole of North-Eastern India. Burma obtained general rain from the 1st to the 9th, Orissa from the 3rd to the 6th, Bengal from the 3rd to the 7th, and Assam from the 5th to the 9th. Some heavy rainfalls were received in Eastern Bengal during the advance of the storm, but as a rule the rainfall during the period was moderate in amount and fairly distributed. The following were the more noteworthy rainfalls in East and South Bengal during the storm :—

Date.	Stations.	Amount.
		Inches.
5th	Hooghly	3·34
5th	Kishnaghur	4·48
6th	Noakholly	4·72
6th	Cox's Bazar	6·11
7th	Comillah	4·18
7th	Rangamati	3·10
7th	Noakholly	9·20

Cherra Punjee received 5·9 inches on the 6th and 9·91 inches on the 7th.

After the breaking up of the storm, pressure increased rapidly and fine weather with clear skies prevailed generally until the 23rd October, when the north-east winds increased rapidly in force in the Coromandel Coast districts. They began to give general rain to the Madras Coast districts on the 24th. A cyclonic storm formed on the 26th and 27th to the west of the Nicobars, and drifted slowly west-north-westwards during the next three days to the Madras Coast which it crossed on the evening of the 31st. The first burst of the north-

east monsoon rains gave moderate but fairly general rain to Madras and Mysore from the 24th to the 28th, light scattered showers to Hyderabad from the 27th to the 29th and to the Bombay Deccan from the 26th to the 29th, and very light showers in the Central Provinces and Berar from the 27th to the 29th.

The preceding remarks indicate fully the character of the distribution of rain during the month.

Some light local showers were received in the first week of the month and on the 28th and 29th in the Punjab, Rajputana, Central India, and the North-Western Provinces. In the two latter areas, which usually receive an average of nearly 1½ inches, the average total rainfall was very small and less than 10 per cent. of the normal. Oudh received no rain during the month.

In Behar and Chutia Nagpur showers fell during the same period as in the North-Western Provinces, but the rainfall was even more scanty. Behar received an average of ·12 inch only, or 6 per cent. of its normal amount. The greater part of Bengal and Assam obtained moderately heavy rain on the 5th, 6th and 7th. This was the only important rainfall of the month, which was hence more or less in defect in all districts. The following table, taken from the Bengal Meteorological Report for the month, shows the amount of the deficiency in different parts of the province:—

Divisions.	Normal average, October.	Actual average, October 1888.	Defect.
Orissa	6·14	1·47	—4·67
South-West Bengal	4·35	1·49	—2·86
East Bengal	5·41	4·75	—0·66
North Bengal	4·60	0·77	—3·83
North Behar	3·58	0·01	—3·57
South Behar	3·32	0·54	—2·78
Chutia Nagpur	3·08	1·04	—2·04

The Central Provinces, Berar, and North Hyderabad received light showers during the last week of the month or at the commencement of the north-east monsoon rains on the Coromandel Coast. The Central Provinces obtained only a fifth of its normal amount, and Berar one-third.

The Bombay-Deccan and Konkan obtained frequent and in some cases heavy showers during the first week of the month and again between the 26th and 29th. The rainfall was almost universally in defect (with the exception of Ahmednagar). In the Deccan about half of the normal amount of the month was received, and in the Konkan and Ghâts about one-third. No rain fell in Kattiawar, Cutch or Sind.

Light showers occurred in Madras, chiefly in the central coast districts and South Deccan, during the first three weeks of the month, but it was not until the 25th that general rain (due to what is usually described as the setting in or commencement of the north-east monsoon) fell over the greater part of the Presidency. More or less heavy rain fell in all the coast districts south of Vellore between the 24th and 29th, when a short break occurred as the storm of the last week of the month was approaching the coast. One of the more important features of the month was the almost entire absence of rain in

Ganjam and the Northern Circars, and the drought which had prevailed in that area during nearly the whole of the south-west monsoon proper was hence continued quite to the end of October.

In consequence of the lateness of the commencement of the north-east monsoon rains the total rainfall of the month was in defect over the whole of Madras, except certain districts (including Chingleput, Negapatam, South Arcot and Tinnevelly), which obtained excessive rain during the last week of the month.

The following gives the data for representative stations and illustrates the distribution of the rainfall:—

Stations.	Actual rainfall, October 1888.	Normal rainfall, October.	Defect.
Ganjam	1·25	8·93	—7·68
Gopalpur	1·63	10·01	—8·38
Vizianagram	2·75	8·22	—5·47
Vizagapatam	6·00	11·26	—5·26
Masulipatam	0·56	8·29	—7·73
Ongole	3·05	9·44	—6·39
Kurnool	0·89	3·94	—3·05
Bellary	1·50	3·85	—2·35
Cuddapah	3·22	5·31	—2·09
Salem	3·63	7·36	—3·73
Trichinopoly	3·20	7·68	—4·48
Coimbatore	3·45	5·73	—2·28
Madura	3·95	8·52	—4·57
Calicut	6·80	8·63	—1·83
Mangalore	4·89	8·05	—3·16

Stations.	Actual, October.	Normal, October.	Excess.
Madras	24·27	11·16	+13·11
Vellore	11·67	7·38	+ 4·29
Cuddalore	17·71	9·30	+ 8·41
Negapatam	15·81	9·49	+ 6·32
Tuticorin	13·00	4·10	+ 8·90

In Burma daily rain was received between the 1st and 8th, and again for a brief period lasting from the 22nd to the 24th. The rainfall was lighter than usual during these periods, and the total rainfall more or less in defect at all stations. The deficiency was absolutely greatest in Arakan and Tenasserim, where it ranged between 6 and 7 inches. Arakan and Pegu received upwards of 70 per cent. of their normal amount, and Tenasserim slightly more than 50 per cent.

The following table summarizes the rainfall data of October 1888:—

Provinces.	Normal average rainfall of month.	Actual average in 1888.	Excess or defect.	Excess or defect expressed as a percentage.
Western Himalayas	1·05	0·92	—0·13	— 12
Punjab Plains	0·40	0·29	—0·11	— 28
North-Western Provinces and Oudh	1·35	0·10	—1·25	— 93
Rajputana	0·39	0·46	+0·07	+ 18
Central India States	1·54	0·15	—1·39	— 90
Behar	3·09	0·20	—2·89	— 94
Western Bengal and Chutia Nagpur	3·04	0·41	—2·63	— 87
Lower Bengal	4·62	1·95	—2·67	— 58
Eastern Himalayas	5·13	1·45	—3·68	— 72
Assam and Eastern Bengal	5·57	4·45	—1·12	— 20
Orissa and Northern Circars	5·56	1·45	—4·11	— 74
Central Provinces South	2·07	0·41	—1·66	— 80
Berar and Khandeish	2·76	0·94	—1·82	— 66
Guzerat	0·83	0·04	—0·79	— 95
Sind and Cutch	0·21	...	—0·21	—100
North Deccan	4·77	2·60	—2·17	— 46
Konkan and Ghâts	4·85	1·50	—3·35	— 69
Malabar and Ghâts	8·09	4·58	—3·51	— 43
Hyderabad	2·99	0·70	—2·29	— 77
Ceded Districts and Mysore	5·61	1·93	—3·68	— 66
Carnatic	7·72	8·34	+0·62	+ 8
Nilgiris	9·85	9·41	—0·44	— 4
Ceylon	9·95	11·62	+1·67	+ 17
Arakan	8·50	6·04	—2·46	— 29
Pegu	6·28	4·58	—1·70	— 27
Tenasserim	10·24	6·08	—4·16	— 41
Bay Islands	12·95	18·89	+5·94	+ 46

November.—The weather during a great part of the month was very abnormal, especially in Northern India. The cyclone which had begun to form in the Bay on the 26th and 27th of the preceding month crossed the coast at Madras on the night of the 31st and advanced to the north-west. It filled up rather rapidly and its rate of motion decreased. On the 1st the centre lay between Cuddapah and Bangalore. It broke up as a cyclonic storm on the evening of the 1st, but was propagated westward as an atmospheric disturbance (giving variable winds and squalls), and was finally absorbed in an area of barometric depression and disturbed weather which had been a prominent feature in the centre of the Arabian Sea (between the 12th and 18th parallels of latitude and the 54th and 64th meridians

of longitude) for at least a week previously. The area of disturbed weather extended eastwards, and on the 4th, 5th and 6th a small cyclonic storm began slowly to form, the centre of which was in latitude 16° north and longitude 64° east. It marched to the north-north-east and crossed the Kattiawar Coast on the morning of the 9th, but broke up as a cyclonic storm near the Aravalli hills on the 10th. The indraught from the Arabian Sea however produced an influx of humid winds which gave cloudy skies and showers to Northern India for the following four days. This slight disturbance was transmitted slowly eastwards through Central India and the Central Provinces into Behar and Bengal. This period from the 1st to the 14th was also one of fairly continuous and general rain over the greater part of the Peninsula, including Madras, Mysore, the Bombay-Deccan and Hyderabad, due to the steady north-east humid winds which prevailed after the breaking up of the cyclonic storm on the 1st and 2nd. Very heavy rain was received in the area over which the storm passed on the 1st. The following gives the more remarkable rainfalls registered on the 1st:—

Station.	Rainfall.
Chingleput	8·75 inches.
Saidapet	7·00 „
Conjeveram	6·70 „
Arcot	5·55 „
Udayagiri	5·20 „
Palmaner	4·70 „
Nellore	3·80 „
Madnapalle	3·75 „

From the 7th to the 14th the rainfall was more scattered and was moderate in amount. Orissa received moderately heavy rain during this period. Thus at Pooree a total of 5·47 inches fell on the 2nd, 3rd and 4th. Hyderabad obtained fairly general rain during the same period. On the 4th and 5th some heavy rainfalls were received in that area, of which the following were the largest:—

Station.	Rainfall.		
Gulbarga	2·06 inches	on the	4th
Raichur	3·00 „	„	5th
Bolarum	3·45 „	„	5th
Bidar	2·35 „	„	5th
Medak	2·42 „	„	5th
Mominabad	2·17 „	„	5th

The Bombay-Deccan and coast districts south of Surat also received frequent showers during this period. The only large amounts reported were the following:—

Station.	Rainfall.		
Hubli	2·05 inches	on the	4th
Sholapur	2·21 „	„	5th
Matheran	5·00 „	„	7th

The passage of the small cyclonic storm across Kattiawar and Guzerat gave heavy rain on the 9th to these two districts. The following gives the rainfall at the following stations in that area registered at 6 P.M. on the 9th:—

Station.	Rainfall.
Wadhwan	5·15 inches.
Jetalsar	4·00 „
Rajkot	3·93 „
Ahmedabad	2·41 „

The rainfall in Guzerat and Kathiawar due to the storm was hence by no means so large as frequently occurs in cyclonic storms in India.

The disturbed weather which followed the breaking up of the storm gave light and scattered showers to Rajputana on the 10th, 11th and 12th, to the Central Provinces and Berar on the 10th to the 13th, and to Bengal from the 10th to the 14th, and in Burmah from the 14th to the 16th. Light showers evidently due to the same disturbance were received at several of the hill stations of Upper India on the 12th and 13th. The showers due to the disturbance were light and partial. A few cases of heavy rain occurred in Bengal on the 13th and 14th, of which the following were the chief:—

Station.	Rainfall.
Calcutta	3·07 inches on the 13th
Saugor Island	2·77 „ „ 13th
Howrah	1·87 „ „ 13th
Jessore	2·10 „ „ 14th
Burdwan	1·94 „ „ 14th
Howrah	1·18 „ „ 14th

A break in the north-east monsoon rains commenced in the Coromandel Coast districts on the 15th and continued until the 24th, when rain re-commenced, but was chiefly confined to the more southerly districts. None fell in Ganjam or the North Circars. Light and scattered showers were received in Hyderabad, Mysore, and the Bellary, Cuddapah and Nellore districts of Madras, and moderate rain in the central and southern districts of Madras.

Two disturbances, similar in character to the cold-weather storms of December, January and February, occurred during this period in Upper India. The first was a shallow depression which appeared in North-East Beluchistan and Upper Sind on the 19th, and travelled in a north-east direction into the North Punjab on the 20th and 21st. It gave heavy rain in the North Punjab on the 21st, on which day the following largish amounts were registered:—

Station.	Rainfall.
Murree	2·19 inches.
Kohat	1·90 „
Abbottabad	1·73 „
Peshawar	1·76 „

The second disturbance was due to the formation on the 23rd of a very shallow, narrow and elongated depression extending from Roorkee to Jeypore and Jhansi. On the 24th, 25th and 26th the depression was greatest in the area between Agra, Jeypur and Jhansi. It disappeared on the night of the 26th. It gave moderately heavy rain in the Punjab hill districts and a narrow tract stretching from Roorkee and Umballa southwards to Jhansi. The following gives the larger amounts registered during this period:—

Station.	Rainfall.
Chamba	1·30 inches on the 25th
Dharmsala	1·20 „ „ 25th
Kilba	2·50 „ „ 25th
Jullunder	1·30 „ „ 25th

Station.	Rainfall.		
Hoshiarpur	2·00 inches on the		26th
Kilba	1·36 „	„	26th
Dharmsala	1·00 „	„	26th
Chamba	1·28 „	„	26th

The Punjab received showers which gave light general rain between the 20th and 26th. They gave an average of half an inch over the province, or more than double the small normal rainfall of the month. Rajputana and Central India received showers on the 10th, 11th and 12th, when the first storm of the month was breaking up. The average total amount of the month was less than half an inch in both areas.

The hill districts of Upper India obtained light showers on the 12th and 13th, and the North-Western Provinces and Oudh light showers during the feeble disturbance of the fourth week of the month, which gave an average of nearly three-tenths of an inch to the province.

Behar also received rain during the same period (chiefly on the 29th) in slightly larger amounts, which gave it an average of nearly half an inch.

Orissa obtained moderately heavy steady rain between the 1st and 9th. The slight disturbance propagated eastwards after the breaking up of the storm in North-Western India on the 10th and 11th, gave light to moderate rain on the 13th and 14th to Bengal, on the 14th and 15th to Assam, and on the 15th and 16th to Burma. Orissa received the large average of 4·61 inches or more than double its normal amount, and Lower Bengal ·9 inch or ·5 inch more than the average. The rainfall of the month was considerably in defect in Pegu (40 per cent.) and Assam (35 per cent.).

The Central Provinces and Berar received numerous light showers during the first twelve days of the month, and also occasional showers during the last week. The average rainfall of the whole area was 1·3 inches or more than double the normal.

In Hyderabad moderately heavy and fairly general rain fell during the first week and local showers (chiefly in the Northern Districts) during the last week. The rainfall of the month was in excess in all districts, the average for the whole division being 3·86 inches or 2·67 inches more than the normal. The rainfall in Bombay was also considerably larger than usual. In the Deccan and Konkan it fell during the period extending from the 2nd to the 9th, which was one of much disturbance in the Arabian Sea off the west coast of India. The North Deccan obtained an average total of 2·75 inches or 1·58 inches above the normal, and the Konkan 2·61 inches or 1·69 inches in excess. Guzerat, Kattiawar and Cutch received heavy rain on the 9th and 10th during the passage of the storm. In Guzerat the rainfall due to the storm averaged 1·87 inches or 1·66 inches above the total normal rainfall of the month.

The whole of Madras received general rain during the first fortnight of the month. A break in the rains commenced on the 15th in North Madras and on the 16th in South Madras. Rain re-commenced in the districts south of Vellore on the 24th and lasted until the 30th. No rain fell during the period in Ganjam and the Northern Circars, and only a few showers in the Nellore, Cuddapah, Bellary, Kurnool and Masulipatam (or Godavery) districts.

As already pointed out, excessively heavy rain was received in the districts of

Chingleput, North Arcot and South Arcot at the commencement of the month when the storm of the first week of the month was approaching and crossing the Madras Coast districts.

The rainfall of the month was in excess in nearly all districts. The districts of Ganjam and the Circars which had suffered from drought for some months received abundant rainfall during this month. The following gives data for this area :—

Stations.	Actual rainfall, November 1888.	Normal rainfall, November.	Variation.
Ganjam	6·54	1·87	+4·67
Vizianagram	7·95	2·48	+5·47
Bimlipatam	9·20	2·74	+6·46
Jeypur	5·40	1·84	+3·56
Vizagapatam	14·30	4·80	+9·50
Cocanada	10·42	3·94	+6·48
Masulipatam	11·42	4·29	+7·13

The South Deccan districts, in which the rainfall had hitherto been somewhat scanty, also obtained favourable rain in November, *e. g.*—

Stations.	Actual rainfall, November 1888.	Normal rainfall, November.	Variation.
Cuddapah	6·50	3·31	+3·19
Bellary	5·93	1·14	+4·79
Kurnool	3·53	0·89	+2·64

In the southern districts of Madras the total rainfall for the month differed little from the average and was generally in defect, with one or two exceptions, due chiefly to excessive rain received during the storm on the 1st. The chief were Chingleput, which received 15 inches more than its normal amount, and Conjeveram, where the excess was 6·71 inches.

Mysore also received abundant and general rain during the same periods as North and Central Madras. The rainfall of the month averaged 5·57 inches for the whole of Mysore or 3·33 inches more than its normal amount for the month.

The following table summarizes the rainfall data of November 1888 :—

Provinces.	Normal average rainfall of month.	Actual average in 1888.	Excess or defect.	Excess or defect expressed as a percentage.
Western Himalayas	0·67	2·12	+1·45	+216
Punjab Plains	0·20	0·50	+0·30	+150
North-Western Provinces and Oudh	0·09	0·28	+0·19	+211

Provinces.	Normal average rainfall of month.	Actual average in 1888.	Excess or defect.	Excess or defect expressed as a percentage.
Rajputana	0·07	0·22	+0·15	+214
Central India States	0·29	0·44	+0·15	+ 52
Behar	0·17	0·43	+0·26	+153
Western Bengal and Chutia Nagpur	0·41	0·39	−0·02	− 5
Lower Bengal	0·42	0·92	+0·50	+119
Eastern Himalayas	0·22	0·48	+0·26	+118
Assam and Eastern Bengal	0·88	0·57	−0·31	− 35
Orissa and Northern Circars	1·96	4·61	+2·65	+135
Central Provinces South	0·47	1·20	+0·73	+155
Berar and Khandeish	0·67	1·34	+0·67	+100
Guzerat	0·21	1·87	+1·66	+790
Sind and Cutch	0·04	0·03	−0·01	− 25
North Deccan	1·17	2·75	+1·58	+135
Konkan and Ghâts	0·92	2·61	+1·69	+184
Malabar and Ghâts	3·34	5·82	+2·48	+ 74
Hyderabad	1·19	3·86	+2·67	+224
Ceded Districts and Mysore	2·24	5·57	+3·33	+149
Carnatic	7·68	8·50	+0·82	+ 11
Nilgiris	8·53	8·03	−0·50	− 6
Ceylon	11·58	11·07	−0·51	− 4
Arakan	2·67	0·19	−2·48	− 93
Pegu	3·11	1·90	−1·21	− 39
Tenasserim	2·28	2·34	+0·06	+ 3
Bay Islands	11·29	12·04	+0·75	+ 7

December.—Fine clear weather prevailed at the beginning of the month over the whole of Northern and Central India. Strong north-east winds were blowing across the Coromandel Coast and gave fairly general rain over the southern districts of Madras and Mysore. These conditions lasted until the 6th. The rainfall was heaviest and most general on the 3rd, 4th and 5th, and more especially on the 4th.

The following gives the largest rainfalls during that period :—

Station.	Rainfall.
Tranquebar	6·60 inches on the 3rd
Madras	4·55 " " 4th
Saidapet	4·00 " " 4th
Cuddalore	9·12 " " 4th

Stations.	Rainfall.
Negapatam	4·77 inches on the 4th
Putukota	5·37 „ „ 4th
Chingleput	4·15 „ „ 5th

An interval of dry weather followed until the 13th, on which day a cyclonic storm began to form off the South Coromandel Coast. It crossed the coast a little to the south of Negapatam on the afternoon of the 14th, marched across the Peninsula, filled up rapidly as it advanced, and passed out on the 15th as a very shallow depression into the Arabian Sea off the Malabar Coast, to which it gave squally weather for some hours. This storm gave the final burst of rain due to the (so-called) north-east monsoon of 1888 in Southern India. The rainfall was fairly general over Southern India to the south of Vellore, Arcot and Madras. It was however less heavy and concentrated than might have been expected from the amount of the barometric depression at the centre. The following gives the largest registered falls :—

Stations.	Rainfall.
Madras	2·81 inches on the 14th
Saidapet	2·15 „ „ 14th
Tuticorin	6·45 „ „ 15th
Dindigal	1·52 „ „ 15th
Madura	1·10 „ „ 15th
Pasumali	1·72 „ „ 15th

The north-east monsoon rains hence practically terminated on the 16th of December with the disappearance of this storm.

During the last fortnight of the month two very shallow depressions appeared in Upper India.

The first formed in Beluchistan and Upper Sind on the 21st, and was transferred eastward to the North-West Himalayas on the 22nd and filled up on that day. It gave some light showers in Beluchistan, the North Punjab and North-West Himalayan districts.

The second depression was formed in Upper Sind on the 29th, and was rapidly transferred eastwards and filled up like the previous over the North-West Himalayas on the afternoon of the 30th.

The rainfall of the month was either actually or practically *nil* (that is less than a tenth of an inch) over nearly the whole of India, including the whole of Northern India (except the Western Himalayas which received an average of ·19 inch), Central India, and the greater part of the Deccan. It was small in amount and below the normal in Hyderabad and Mysore. The Carnatic received an average of 4·64 inches or 1·14 inches in excess of the normal, and Ceylon of 10·67 inches or 1·51 inches in excess. There was a moderate deficiency at the Bay Islands.

The excess in Southern India was very irregularly distributed and was most marked in the coast districts. It was absolutely greatest at Cuddalore (11·23 inches) and Tuticorin (8·17 inches). There was a slight deficiency in Malabar and at Dindigal and other stations in the interior. Over the whole of the northern districts of Madras (*i.e.*, to the north of Nellore) the rainfall was small in amount and universally in defect.

The rainfall was very small in amount in Lower Pegu and Tenasserim. It was in defect to a moderate extent at the Bay Islands, but was above the normal in Ceylon, the excess averaging 16 per cent. for that island.

The following table summarizes the rainfall data of December 1888:—

Provinces.	Normal average rainfall of month.	Actual average in 1888.	Excess or defect.	Excess or defect expressed as a percentage.
Western Himalayas	1·15	0·19	—0·96	— 83
Punjab Plains	0·54	0·06	—0·48	— 89
North-Western Provinces and Oudh	0·29	...	—0·29	—100
Rajputana	0·16	...	—0·16	—100
Central India States	0·45	...	—0·45	—100
Behar	0·15	0·01	—0·14	— 93
Western Bengal and Chutia Nagpur	0·30	0·06	—0·24	— 80
Lower Bengal	0·20	...	—0·20	—100
Eastern Himalayas	0·29	...	—0·29	—100
Assam and Eastern Bengal	0·40	0·01	—0·39	— 98
Orissa and Northern Circars	0·61	0·01	—0·60	— 98
Central Provinces South	0·40	0·02	—0·38	— 95
Berar and Khandeish	0·67	...	—0·67	—100
Guzerat	0·07	...	—0·07	—100
Sind and Cutch	0·07	...	—0·07	—100
North Deccan	0·40	0·01	—0·39	— 98
Konkan and Ghâts	0·19	...	—0·19	—100
Malabar and Ghâts	0·94	0·14	—0·80	— 85
Hyderabad	0·51	0·35	—0·16	— 31
Ceded Districts and Mysore	0·55	0·13	—0·42	— 76
Carnatic	3·50	4·64	+1·14	+ 33
Nilgiris	4·48	3·38	—1·10	— 25
Ceylon	9·16	10·67	+1·51	+ 16
Arakan	0·49	...	—0·49	—100
Pegu	0·23	0·13	—0·10	— 44
Tenasserim	0·19	0·29	+0·10	+ 53
Bay Islands	8·71	6·92	—1·79	— 21

The following tables give a brief summary of the rainfall of the year. In the first table the summary is drawn up in the same form as in previous years. The second table gives the average actual rainfall for the four periods into which the year may be divided of each of the 27 meteorological divisions of the empire and the normal averages for comparison. The four periods are as follows:—

1st.—From January 1st to March 1st, which forms the period of the cold weather rains of Upper India.

2nd.—From March 1st to June 1st, which includes the hot season when rain occurs mainly in the coast districts during thunderstorms.

3rd.—From June 1st to November 1st, which forms the period of the south-west monsoon rains proper.

4th.—From November 1st to December 31st, which includes the period of the so-called north-east monsoon rains (or the late or retreating south-west monsoon rains) of Southern India, more especially of the Coromandel Coast districts.

TABLE XXXII.—*Geographical Summary of Rainfall Anomalies in 1888.*

	Rainfall Provinces.	Area, square miles.	Number of Stations.	Normal rainfall.	Actual, 1888.	Mean excess or defect.	Total excess, square miles, × 1 inch.	Total defect, square miles, × 1 inch.
I	Punjab Plains	120,000	29	21·47	19·04	— 2·43	...	291,600
II	N.-W. Provinces and Oudh	83,500	45	36·96	45·80	+ 8·84	738,140	...
III	Rajputana	67,000	19	28·31	24·13	— 4·18	...	280,060
IV	Central India States	91,000	20	42·00	41·02	— 0·98	...	89,180
V	Behar	30,000	15	44·29	45·38	+ 1·09	32,700	...
VI	Western Bengal	38,000	10	49·47	50·04	+ 0·57	21,660	...
VII	Lower Bengal	54,000	28	66·54	62·37	— 4·17	...	225,180
VIII	Assam and Cachar	61,000	17	104·41	101·32	— 3·09	...	188,490
IX	Orissa and Northern Circars	27,000	16	47·61	40·53	— 7·08	...	191,160
X	Central Provinces South	61,000	18	51·34	46·26	— 5·08	...	309,800
XI	Berar and Khandeish	43,000	13	35·91	30·52	— 5·39	...	231,770
XII	Guzerat	54,500	12	33·30	22·20	—11·10	...	609,950
XIII	Sind and Cutch	68,000	10	8·54	8·01	— 0·53	...	36,040
XIV	North Deccan	48,000	13	30·26	32·93	+ 2·68	128,640	...
XV	Konkan and Ghâts	16,000	12	147·08	151·81	+ 4·73	75,680	...
XVI	Malabar and Ghâts	18,000	8	113·95	129·37	+15·42	277,560	...
XVII	Hyderabad	74,000	17	32·11	25·36	— 6·75	...	499,500
XVIII	Mysore and Bellary	58,000	18	29·26	25·81	— 3·45	...	200,100
XIX	Carnatic	72,000	38	36·21	37·98	+ 1·77	127,440	...
	Sums	1,084,000	...	...	...	...	1,401,820	3,152,830
XX	Arakan	11,000	7	149·39	160·66	+11·27	123,970	...
XXI	Pegu	32,500	7	72·56	77·13	+ 4·57	148,525	...
XXII	Tenasserim	10,500	4	172·21	190·90	+18·69	196,245	...
	Sums	1,138,000	...	...	...	...	1,870,560	3,152,830

On the mean of the whole area represented in the above table there was a defect of 1·13 inches or, excluding the Burmese Peninsula, of 1·54 inches.

TABLE XXXIII.—*Geographical Summary of the Distribution of Rainfall in 1888, according to seasons.*

PROVINCES.	JANUARY AND FEBRUARY.			MARCH TO MAY.			JUNE TO OCTOBER.			NOVEMBER AND DECEMBER.		
	Normal average.	Actual average.	Difference.	Normal average.	Actual average.	Difference.	Normal average.	Actual average.	Difference.	Normal average.	Actual average.	Difference.
North-West Himalayas	6·14	5·61	—0·53	7·82	5·33	—2·49	39·79	42·94	+ 3·15	1·82	2·31	+0·49
Punjab Plains	2·06	2·12	+0·06	2·60	1·08	—1·52	16·44	15·49	— 0·95	0·74	0·56	—0·18
N.-W. Provinces and Oudh	1·39	1·55	+0·16	1·47	0·79	—0·68	34·66	43·80	+ 9·14	0·38	0·28	—0·10
Rajputana	0·47	1·40	+0·93	0·70	0·29	—0·41	21·56	17·92	+ 3·64	0·23	0·22	—0·01
Central India	0·95	1·79	+0·84	0·74	0·26	—0·48	41·63	43·10	+ 1·47	0·74	0·44	—0·30
Behar	1·12	0·87	—0·25	2·60	2·03	—0·57	39·84	41·47	+ 1·63	0·32	0·44	+0·12
Chutia Nagpur	1·39	2·40	+1·01	3·59	1·93	—1·66	46·03	46·94	+ 0·91	0·71	0·45	—0·26
Lower Bengal	1·37	1·62	+0·25	10·57	11·77	+1·10	53·39	47·95	— 5·44	0·62	0·92	+0·30
Eastern Himalayas	1·52	1·62	+0·10	17·91	15·61	—2·30	104·92	88·05	—16·87	0·51	0·48	—0·03
Assam and Cachar	1·92	2·11	+0·19	26·34	34·72	+8·38	87·22	74·87	—12·35	1·28	0·58	—0·70
Orissa and Northern Circars	0·77	1·51	+0·74	4·54	3·65	—0·89	43·26	33·51	—10·75	2·57	4·62	+2·05
Central Provinces South	0·89	1·94	+1·05	1·80	0·60	—1·28	48·16	43·31	— 4·85	0·87	1·22	+0·35
Berar and Khandeish	0·51	2·16	+1·65	1·01	0·68	—0·33	35·21	27·48	— 7·73	1·34	1·34	0
Guzerat	0·19	0·81	+0·62	0·37	...	—0·37	32·17	18·46	—13·71	0·28	1·87	+1·59
Sind and Cutch	0·52	2·49	+1·97	0·50	0·21	—0·29	8·11	5·28	— 2·83	0·11	0·03	—0·08
North Deccan	0·21	1·15	+0·94	3·12	3·68	+0·56	25·35	25·36	+ 0·01	1·57	2·76	+1·19
Konkan	0·31	1·99	+1·68	1·64	1·58	—0·06	142·14	138·37	— 3·77	1·11	2·61	+1·50
Malabar and Ghâts	0·53	0·21	—0·32	11·07	14·26	+3·19	98·07	108·93	+10·86	4·28	5·96	+1·68
Hyderabad	0·22	0·65	—0·43	1·96	2·20	+0·24	28·60	18·91	— 9·69	1·70	4·21	+2·51
Mysore and Bellary	0·28	0·04	—0·24	4·67	4·39	—0·28	21·30	15·34	— 5·96	2·79	5·70	+2·91
Carnatic	0·96	0·19	—0·77	3·99	5·18	+1·19	20·12	19·62	— 0·50	11·18	13·14	+1·96
Nilgiris	1·04	0·76	—0·28	9·12	9·12	0	24·72	20·33	— 4·39	13·01	11·41	—1·60
Arakan	1·07	2·72	+1·65	15·56	17·22	+1·66	129·61	144·24	+14·63	3·16	0·19	—2·97
Burma	0·22	0·10	—0·12	8·15	5·15	—3·00	66·73	75·53	+ 8·80	3·34	2·03	—1·31
Tenasserim	0·79	0·39	—0·40	20·70	22·44	+1·74	148·26	165·45	+17·19	2·47	2·63	+0·16
Bay Islands	3·34	0·93	—2·41	19·80	21·49	+1·69	72·70	87·29	+14·59	20·00	18·96	—1·04
Ceylon	6·21	5·63	—0·58	15·49	19·03	+3·54	28·97	27·39	— 1·58	20·74	21·74	+1.00

The distribution of rainfall in India month by month during the year 1888 has been fully described in the preceding paragraphs.

It remains to call attention briefly to the more important features and irregularities in the distribution.

I. The cold weather months of January and February were characterized by a rapid

succession of storms, the great majority of which were very feeble. All gave showers or general rain over extensive tracts of country. The majority of the storms advanced along a more southerly track than usual and rain fell more or less generally over the whole area to the north. Hence nearly the whole of Northern and Central India received larger amounts than usual. The excess as might be expected from the tracks of the storm was absolutely and relatively to the normal greatest in Sind, Rajputana, Central India, Guzerat, Berar, the Central Provinces and Orissa. The frequent light showers were very favourable for the cold weather crops over the whole of Northern and Central India. The following gives the percentage variation in each of the large divisions or provinces:—

	Normal average total rainfall, January and February.	Actual average total rainfall January and February 1888.	Excess or defect expressed as a percentage.
Punjab	2·06	2·12	+ 3
N.-W. Provinces and Oudh	1·39	1·55	+ 12
Rajputana and Central India	1·42	3·19	+125
Central Provinces South	0·49	1·42	+190
Behar	1·12	0·87	— 22
Orissa and Northern Circars	0·77	1·51	+ 96
Bengal	1·37	1·62	+ 18
Assam	1·92	2·11	+ 10
Sind and Cutch	0·52	2·49	+379

These figures show that whilst the rainfall was largely in excess in the area over which the depressions actually passed, it was practically normal or only slightly in excess in the districts immediately to the south of the Himalayas. This indicates that the precipitation in the mountain districts of Northern India during the same period was probably below the average.

The snowfall reports establish that such was the case with regard to the snowfall in the higher elevations, and the following measurements of rain and snowfall at the hill stations still further confirm it:—

		January.	February.	Total.
Peshin	Normal rainfall	3·19	1·52	4·71
	Actual rainfall	2·94	1·27	4·21
Murree	Normal	3·01	3·40	6·41
	Actual	5·07	5·95	11·02
Simla	Normal	3·10	2·63	5·73
	Actual	5·26	3·03	8·29
Chakrata	Normal	2·48	2·54	5·02
	Actual	3·62	2·20	5·82
Ranikhet	Normal	2·06	1·88	3·94
	Actual	2·63	1·78	4·41

		January.	February.	Total.
Darjeeling	Normal	0·72	1·09	1·81
	Actual	0·62	0·90	1·52
Kilba	Normal	7·84	4·85	12·69
	Actual	2·69	2·31	5·00
Kailang	Normal	3·68	2·53	6·21
	Actual	0·78	2·68	3·46

These figures show that at the hill stations nearest the plains the rainfall was slightly in defect in the outer Eastern Himalayas, normal in the North-Western Provinces Himalayas, and in excess in the Western Punjab Himalayas; but that it was very largely in defect in the interior mountain ranges judging from the amounts registered at Kilba and Kailang.

II. The precipitation during the hot weather months is of much less importance than that of the cold weather months. It consists chiefly of very local heavy thunder showers of rain or hail. The severe hail storms in the North-Western Provinces on 30th April and 1st May, it may be noted, inflicted little or no injury upon the crops (beyond destroying trees) as the cold weather crops had been cut and garnered. It has already been pointed out that, although some of the storms during the hot weather months of 1888 were of excessive violence, the weather was less frequently disturbed than usual, and hot weather conditions were hence present in a very intense form. The rainfall of this period was hence unusually small over the whole of Northern and Central India, except East Bengal and Assam, which obtained heavy local rain from the unusually strong southerly sea winds of April and May. The following table shows the extent of the deficiency of the total rainfall of the period, 1st of March to 1st of June, in different provinces:—

Punjab	51	per cent	below.
North-Western Provinces	38	,,	,,
Rajputana	75	,,	,,
Central India	52	,,	,,
Behar	76	,,	,,
Chutia Nagpur	71	,,	,,
Bengal	3	,,	,,
Orissa	75	,,	,,
Burma	27	,,	,,

III. The rainfall in the Peninsula during the hot weather period was normal or very slightly in excess. It has already been pointed out that the occasional temporary advances of south-west humid winds to Ceylon and Tenasserim and the Bay Islands commenced very early in 1888 and were more frequent than usual in April and May. Hence Ceylon during the period, March 1st to June 1st, received 85 per cent. in excess of its normal rainfall. Tenasserim 80 per cent., and the Bay Islands 12 per cent. There was a slight deficiency in Malabar. These facts suggest that at the very commencement of the monsoon the humid winds at the entrance and in the south of the Bay had an unusually strong westerly tendency. This eastward set of the monsoon current in the Bay was a conspicuous feature of the whole monsoon period.

IV. The south-west monsoon rains of 1888 set in very quietly. They commenced on the Bombay coast on the 5th of June. The Bombay current was very feeble between the 12th and 25th, after which it increased rapidly in strength, and thence prevailed with great steadiness until the beginning of September, when it retreated very rapidly from Upper and Central India. A feeble burst of south-west monsoon winds occurred at the head of the Bay and in Bengal in the first week of June, but it proved to be temporary. The current withdrew from Bengal on the 11th and 12th, and a period of light variable winds and intense heat followed (during which heavy rain fell in Burmah) until the 26th when the permanent advance occurred. From that date until the fourth week of September the Bay current was not only stronger than usual, but blew with unusual steadiness. The following were the chief general features of the south-west monsoon currents as rain-giving winds in 1888:—

(1).—The first partial and temporary advances of these currents commenced earlier than usual in April.

(2).—The monsoon currents did not set in with full strength over Northern India until nearly the end of the month of June. This was in part, if not entirely, due to abnormal conditions in the north of the Bay and Burmah.

(3).—They gave, on the whole, abundant and very steady rainfall during the months of July and August. There was no general break in the rains during the whole of that period.

(4).—The Bombay current withdrew from Upper and Central India very rapidly and much earlier than usual in September.

(5).—The Bengal current withdrew earlier than usual from the North-Western Provinces at the end of the third week of September, and from Bengal in the beginning of the second week of October.

V. The following statement gives the provinces which received a total rainfall either normal or in excess during the south-west monsoon period of 1st June to 31st October 1888:—

Provinces.	Actual total rainfall, June to October 1888.	Normal total rainfall, June to October.	Excess.	Excess expressed as a percentage.
	Inches.	Inches.	Inches.	
North-Western Provinces and Oudh	34·66	43·80	+ 9·14	+21
Rajputana	21·56	17·92	+ 3·64	+20
Central India	41·63	43·10	+ 1·47	+ 3
Behar	39·84	41·47	+ 1·63	+ 4
Chutia Nagpur	46·03	46·94	+ 0·91	+ 2
Malabar & Ghats	98·07	108·93	+10·86	+10
Arakan	129·61	144·24	+14·63	+10
Burma	66·73	75·53	+ 8·80	+12
Tenasserim	148·26	165·45	+17·19	+10
Bay Islands	72·70	87·29	+14·59	+17

The preceding table shows that there were two areas of abnormally heavy rainfall. One included the greater part of Burmah and Arakan and the Bay Islands, and the other comprised a large part of Behar, East Rajputana, and the North-Western Provinces. In the first area of excessive rainfall it was due to more frequent and heavier precipitation than usual. In the second area it was in part due to the same causes, and in part to the fact that many of the cyclonic storms of the rains drifted to that area and filled up there.

The following table gives rainfall data for several representative stations in Burmah, illustrating the excessive rainfall in that area :—

Variation of monthly rainfall from normal during period, June to September 1888.

Stations.	June.	July.	August.	September.	Total.
	Inches.	Inches.	Inches.	Inches.	Inches.
Kyaukpyu	+15·90	+41·62	+26·88	—10·74	+73·66
Bassein	+22 74	+ 4·52	+ 1·99	+ 0·22	+29·47
Henzada	+ 2·24	— 1·01	+12·01	+ 4·15	+17·39
Rangoon	+ 8·73	+ 1·80	+ 3·80	— 0·85	+13·48
Diamond Island	+12·12	+ 0·36	+ 7·39	— 4·04	+15·83
Tavoy	+16·46	+13·33	+15·14	—15·83	+29·10

These figures show that the excess was very large in Lower Burmah, and that it lasted until the beginning of September. The Bengal current was feebler than usual in that month, and the rainfall of the month was deficient in Burmah as in Bengal and Assam.

The following gives similar data for selected and representative stations in Behar and the North-Western Provinces:—

Variation of monthly rainfall from normal during period, June to September 1888.

Stations.	June.	July.	August.	September.	Total variation.
	Inches.	Inches.	Inches.	Inches.	Inches.
Cawnpore	—2·00	+13·80	+13·04	+ 0·66	+25·50
Budaon	—3·38	+16 78	— 1·46	+ 8·00	+19·94
Allahabad	—3·28	+13·52	+ 8·11	— 0·15	+18·20
Fyzabad	—1·43	+11·14	+ 2·41	+11·51	+23·63
Benares	—0·05	+ 4·05	+ 8·88	+ 0·08	+12·96
Basti	—4·54	+ 0·19	— 0·73	+ 7·49	+ 2·41
Gya	—3·07	— 1·72	+17·98	+ 0·70	+13·89
Patna	—4·09	+ 4·06	+ 6·95	— 4·54	+ 2·38
Buxar	—2·25	+ 1·04	+ 3·33	+ 3·82	+ 5·94
Mainpuri	—1·88	+17·18	+ 2·03	+ 3·64	+20·97
Robertsganj	—3·38	+10·52	+ 9·90	+ 0·99	+18·03

The preceding table shows not only the character of the excessive rainfall which occurred in the eastern and central districts of the North-Western Provinces and in South Behar, but also that the central area of heaviest precipitation and largest excess is defined by the stations of Cawnpore, Budaon, Mainpuri, Allahabad, and Fyzabad.

VI. The average total rainfall of the south-west monsoon period was in defect in the following provinces :—

Provinces.	Rainfall, June to October.			
	Actual average, 1888.	Normal average.	Defect.	Defect expressed as a percentage.
	Inches.	Inches.	Inches.	
Assam	87·22	74·87	—12·35	—16
Bengal	53·39	47·95	— 5·44	—11
Orissa	43·26	33·51	—10·75	—32
Central Provinces	48·16	43·31	— 4·85	—11
Guzerat	32·17	18·46	—13·71	—74
Sind and Cutch	8·11	5·28	— 2·83	—54
Hyderabad	28·60	18·91	— 9·69	—51
Mysore	21·30	15·34	— 5·96	—39

The deficiency was most serious in three areas—

1st.—In Ganjam, the Circars, and to a less extent Orissa.

2nd.—In a large portion of the Deccan, more especially Khandesh, Sholapur and Hyderabad and in Guzerat, Kathiawar, Cutch and West Rajputana.

3rd.—In the northern districts of North Bengal and Behar.

The following gives rainfall data for representative stations in each of these three districts of deficient rainfall and drought :—

1st.—Circars, Ganjam and Orissa :—

Variation of monthly rainfall from normal during period, June to October 1888.

Stations.	June.	July.	August.	September.	October.	Total variation from normal (in defect) June to October.
Ganjam	—1·03	—2·31	+ 2·15	—3·05	—7·68	—11·92
Aska	—3·65	—6·75	+ 3·19	—2·27	—6·20	—15·68
Vizianagram	+1·55	—1·97	— 2·19	—4·07	—5·47	—12·15
Jeypur	—5·42	—9·79	+ 3·45	—4·09	—2·56	—18·41
Vizagapatam	—2·89	—1·32	— 4·67	—6·05	—5·26	—20·19
Nellore	—1·17	—0·62	— 1·72	—2·13	—3·71	— 9·35
Pooree	—5·45	—6·40	+ 3·54	—3·18	—5·58	—17·07
Cuttack	—9·47	—3·52	+13·77	+0·33	—4·04	— 2·93
Balasore	—8·52	—1·72	+ 8·08	+4·20	—4·53	— 2·49

The rains held off in Orissa during the whole of June and July, and the agricultural prospects were very gloomy. Fortunately frequent and heavy rain set in at the end of July and continued until the month of November, and the fears of famine passed away. Distress was however felt in a few places, particularly in Khoorda, a sub-division of the district of Pooree, where the rainfall of November was completely deficient.

In Ganjam, the Circars and the native states of Jeypore, Bastar, &c., lying to the west of the East Ghats, there was a large deficiency in every month from June to October with the exception of August when there was in some parts a slight excess. Hence the rice crops failed almost entirely except in irrigated districts. Heavy rain was received in November, but it was too late to save the south-west monsoon rice crops. Hence the drought in several districts of that area, more especially in Ganjam, culminated in famine which continued until the rains of 1889, when seasonable and abundant rain was received.

2nd.—Khandesh, Guzerat and Kattiawar.

The following table gives data for selected stations:—

Variation of monthly rainfall from normal during period, June to September 1888.

Districts of Khandesh, Guzerat and Kattiawar.	June.	July.	August.	September.	Total variation from normal (in defect) June to September.
Broach	—2·61	— 8·01	—1·91	—6·33	—18·86
Kaira	—2·10	— 8·12	—0·31	—4·67	—15·20
Godhra	—3·63	—12·86	+5·50	—6·03	—17·02
Ahmedabad	+0·50	— 8·94	—3·70	—4·02	—16·16
Palanpur	—1·18	— 7·86	+2·78	—4·97	—11·23
Songad	—0·66	— 6·45	+0·60	—4·90	—11·41
Malegaon	+0·08	— 2·32	—3·90	—1·15	— 7·29
Nasik	—3·00	— 0·21	—0·62	—3·91	— 7·74
Ahmednagar	—1·36	— 1·73	—3·60	—2·31	— 9·00
Gulbarga	—0·50	— 0·80	—5·92	—3 75	—10·97
Jalna	—4·09	— 2·81	—2·63	—3·37	—12·90
Ellichpur	—2·28	— 3·73	—2·38	—1·24	— 9·63

The rainfall was deficient during the whole monsoon period in North Bombay, the greater part of the Deccan, the Central Provinces, the western districts of Central India, Rajputana, Cutch, and Kattiawar. The deficiency was relatively to the normal greatest in Kattiawar, Guzerat and Khandesh and the neighbouring districts of Rajputana and Central India. It seriously affected the crops, but the drought in this area nowhere culminated in famine.

3rd.—A narrow track in North Behar and Bengal lying along the foot of the Himalayas.

Nearly the whole of Bengal and Behar received abundant rain in July and August. The rains were more or less deficient in September and October, but, on the whole, fell opportunely. Hence the deficiency in the two latter months did not affect the crops seriously. In the northern districts of North Behar and Bengal stretching from Motihari to

Cooch-Behar, there was however a steady deficiency of rainfall throughout nearly the whole monsoon season. The rainfall in North Bengal is always large and hence the deficiency was not felt there to any serious extent. In a part of the Chumparun, Mozufferpore and Durbhunga districts the crops failed almost entirely, and drought and partial famine prevailed over an area of about 90 miles in length from east to west along the Nepal frontier and extending into Bhagulpore. In the remaining parts of these districts and in the Chumparun and Motihari districts the rainfall although scanty fell opportunely, and hence, although the crops suffered to a considerable extent, the effects of the drought were not so severe as to lead to general famine in any part of the area.

The extent of this third area of deficient rainfall is shown by the following rainfall data.

Variation of monthly rainfall from normal during period, June to October 1888.

Stations.	June.	July.	August.	September.	October.	Total variation from normal (in defect) June to October.
	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
Durbhunga	—1·45	+2·34	—4·44	— 4·95	—2·82	—11·28
Motihari	—1·31	+1·34	—5·01	— 1·98	—3·56	—10·52
Kissengunge	—7·65	+1·02	—8·59	— 7·43	—2·95	—25·60
Purneah	—9·19	+3·99	+0·85	— 9·13	—3·76	—17·24
Julpiguri	+0·61	+9·69	—5·87	— 9·98	—4·00	— 9·55
Cooch-Behar	—3·53	—0·45	—6·51	—13·32	—3·96	—27·77
Rungpore	—9·38	—7·90	+0·27	— 5·55	—4·66	—27·22

VII. The rainfall of the retreating south-west monsoon currents or of the so-called north-east monsoon was on the whole more favourable and abundant than usual. The last general rainfall in Bengal before the retreat of the current from that area was in the first ten days of October. A period of fine dry weather prevailed over the whole of India from that date to the 21st of October. During that interval pressure continued low in Burmah and frequent showers fell. The area of minimum pressure was transferred to the Coromandal coast on the 23rd, and rainfall commenced on that day and continued with occasional intermissions until the 17th of December. The total rainfall of the period was in moderate defect in Burmah and Tenasserim, but was more or less in excess over the whole of the Peninsula to the south of Lat. 16° N. The following shows the distribution in different parts of that area:—

Area or Province.	Variation from Normal.			Excess during period expressed as a percentage.
	November.	December.	Total excess during period.	
Carnatic	+0·82	+1·14	+1·96	+ 18
Mysore	+3·33	—0·42	+2·91	+104
Hyderabad	+2·67	—0·16	+2·51	+ 48

The rainfall was most abundant in the Chingleput, Cuddalore and North Arcot districts; but this was chiefly due to the excessive rainfall which accompanied the passage of

the cyclone on the 31st October and 1st November in these districts. If this rainfall be left out of consideration, the rainfall of the period was practically normal or slightly in excess in Madras, Mysore and Hyderabad.

The rainfall in Northern and Central India is always small in amount during this period. It was generally below the average in November and December 1888, but the deficiency was of little account. The most important feature was the rainfall of November 13th to 17th in Central India, the Central Provinces, Behar and Bengal, due to the disturbance transmitted eastwards across India on the breaking up of the Vaitarna cyclone.

SUMMARY.

The more important features of the meteorology of the year 1888 have been stated in the preceding pages. It remains to show how far they were mutually dependent.

Before doing this it is interesting to note that many of the larger abnormal features of the meteorology of the year 1888 were almost identical with those of the year 1887.

The following gives a brief statement of the chief points of resemblance between the meteorology of the two years.

1st.—In both years the cold weather rains in the plains of Northern and Central India during the months of January and February were normal or in moderate excess, and were favourably distributed. On the other hand, the snowfall was less than usual in the mountain districts bordering on Northern India.

2nd.—The hot weather conditions in the months of March, April and May were very strongly developed, and produced the same large effects on the pressure distribution. During both of these periods in 1887 and 1888 the pressure anomalies were negative in Northern India and positive in Tropical India. Higher temperatures and lower humidities were recorded than for several years previous. There were fewer series of thunder storms than usual, and hence rainfall was below the average except in Assam and parts of Bengal, which derive their rainfall at that time from the local sea winds of the hot weather period. Although there were fewer hot weather storms than usual they were in many cases unusually severe. Several were of the intense form known as tornadoes and caused much loss of life and property. So far as can be judged from the records in the Meteorological Office the number of destructive tornadoes and hail storms in each of these two years was greater than in any year since 1876.

3rd.—The meteorological conditions and distribution of pressure at the end of May were in both years very favourable to the introduction and establishment of an early and steady south-west monsoon in Northern and Central India, and were slightly unfavourable in the Peninsula generally.

The monsoon currents were somewhat stronger than usual in both years, and gave

on the whole more rain than usual. In both years there were two large areas of excessive rainfall during the south-west monsoon. These were in 1887—

(*1st*).—The Central Provinces.

(*2nd*).—East Rajputana, the western districts of the North-Western Provinces and the South Punjab.

In 1888 they were—

(*1st*).—Lower Burma and Tenasserim.

(*2nd*).—South Behar, Chutia Nagpur, East Rajputana and the North-Western Provinces.

In both years the area including Sind, Cutch, Kathiawar, Guzerat and West Rajputana, suffered from more or less deficient rainfall, and the Bombay-Deccan from moderately deficient rain.

4th.—In both years the rains were unusually steady in July and August, but broke up suddenly in the beginning of September and earlier than usual in the Punjab, Rajputana, Central India, the North-Western Provinces and Behar. Although the rainfall of the months of September and October in Bengal, Bombay, the Central Provinces, and Burma was considerably less than usual, it fell on the whole opportunely, so that the deficiency towards the end of the rains did not affect the crops seriously.

5th.—The rains of the retreating south-west monsoon current (the so-called north-east monsoon rains) were favourable in both years in Southern India and the Deccan. In the latter area the deficient rainfall of the months of July and August was to some extent made up by the heavier rainfall of November and December.

6th.—Finally, although there was a marked tendency in both years to large irregularities in the rainfall distribution, the rainfall was in no case deficient to such an extent as to lead to famine except in two comparatively small areas, one including Ganjam in Madras and part of Orissa and the adjacent hill districts, and the other a small narrow track in North Behar.

As the chief features of the year 1888 were very similar to those of the preceding year, they confirm the conclusion arrived at in the report of the year 1887 that, although there is a decided tendency to large variations of meteorological conditions in India at the sun spot minimum, it is probable that these large changes and abnormal features of Northern India are not connected with the sun spot periodicity by a simple and direct relation. It is hence not possible in the present state of our knowledge to base a practical system of seasonal forecasts such as is required in India on the observation of sun spots.

The experience gained during the past year appears to me to have confirmed to some extent the following inferences or principles stated in page 272 of the Report for 1887 :—

1st.—That in India the larger and more important variations of atmospheric conditions are remarkably persistent.

2nd.—That these abnormal conditions imply more or less prolonged variations in the air motion, and that on the whole the most satisfactory method of ascertaining these areas of abnormal conditions is by means of the pressure anomalies.

3rd.—That the larger pressure anomalies are chiefly due to hot weather actions, but also in part to the amount and distribution of the winter snowfall in the Himalayan mountain region.

4th.—That an important after-effect of prolonged rainfall is to smooth away or reverse the pressure anomalies existing previously to the rainfall.

5th.—That the pressure anomalies established in April and May modify the direction and strength of the monsoon currents when they set in at the end of May or beginning of June, and thus exercise a very important influence in determining the distribution of the subsequent south-west monsoon rainfall. Hence they may be utilized to give a more or less accurate view or forecast of the general distribution of the rainfall of the subsequent south-west monsoon period.

Numerous examples have been given under the pressure, wind and other sections of the remarkable persistency of many of the abnormal features of Indian Meteorology in 1888, and it is not necessary to repeat them in confirmation of those conclusions. These principles are employed in the following paragraphs in discussing the relations of some of the larger peculiarities of the meteorology of India in 1888.

At the commencement of the year the air circulation in India is that of the north-east monsoon. The winds in the Bay of Bengal and Arabian Sea are of average force 2 to 3 in the open sea, and are from north-east. In Northern India the air motion is from west or north-west. This flow of air down the Gangetic plain is partly continued across Behar and Bengal, and is partly diverted westwards across Central India and the Central Provinces, where winds are almost due east as they are also in the Deccan. These winds are essentially land winds and accompany clear skies and very dry weather over nearly the whole of India.

The movement of the higher clouds in Northern India, during the months of December, January and February proves that there is a steady upper current from west or west-south-west during the cold weather. This upper current, which is the return current of the circulation of the north-east monsoon, is at an elevation of over 10,000 feet in Southern India, as is proved by the wind data of the hill stations in that area. It is apparently in this current that the disturbances which give the cold weather rain and snowfall of Northern India originate. Some of the reasons in favour of this hypothesis have been given in the report for 1886, and it is hence not necessary to recapitulate them. Little or nothing is known of the upper current beyond the main fact that it is drawn from the equatorial belt of calms or light variable winds, and ascensional air motion, and that it has been partially drained of its moisture in its vertical ascent over the equatorial belt.

In Northern India where the current approaches the Himalayan regions, conditions again become favourable for further condensation and precipitation. The rainfall and snowfall which occur in the cold weather in Northern India and the adjacent mountain regions appear to be in part, if not mainly, due directly to the ascensional motion given to the current in approaching the great Himalayan elevated tract. Even without assuming that small disturbances are more numerous in the upper humid current than in the lower dry land air current, it is evident that amidst the vertical movements continually taking place in consequence of the daily and periodic thermal changes in progress in the

atmosphere disturbances must arise occasionally. If partial condensation commences and clouds begin to form a further action is called into play, in virtue of which the small disturbance may develop into a large and extensive cyclonic circulation with its concomitant phenomena. It is not possible in our present ignorance of the meteorology of the areas to the north and west of Upper India to do more than suggest the above as the most probable origin of these disturbances. The observations of these storms appear to indicate that many, if not all, originate in the Punjab or Sind or in the mountain area to the west, and that the disturbances commence in the higher strata and move in the same general direction as the general air current in these strata across Northern India, *viz.*, east.

The rainfall of the cold weather of 1888, was fairly normal in character and distribution, the chief feature being that it was due to a large number of very small whirls which generally advanced eastwards. It has already been shown that there was a slight depression extending across India from Sind and Cutch to Burma, and that several of these storms advanced along this line and disappeared in Burma. The trough was in existence in December and was antecedent to the storms. It hence suggests that there is a tendency for these storms to run along a trough of low or deficient pressure if one be in existence at the time in Northern India. The most marked feature in the trough was the large deficiency at its eastern extremity in Burma, and it is very noteworthy that an unusual number of these storms drifted across into Burma. One of the more important effects of the more southerly advance of these storms than usual was to give a large southward extension to the cold weather rainfall area. The rainfall of the period was hence considerably in excess in the Central Provinces, Central India, normal near and along the first hills and in defect in the higher elevations. This deficient snowfall appears to have been the most efficient feature in determining the weather during the next three months.[1]

The conditions in the mountain areas to the north and north-west of India were very similar in the cold weathers of 1886-87 and 1887-88, so far as can be judged from the snowfall reports and other indications. In both seasons the snowfall was on the whole below the average. The deficiency was most marked in 1887-88. That this was probably the most important factor in determining the chief features of the succeeding hot weather periods is shown by the great similarity between the abnormal features of these two periods. The following enumerates the chief points of resemblance:—

1st.—In both periods the weather was abnormally dry and hot.

2nd.—The rainfall of both hot-weather periods was very deficient over the whole of Northern and Central India, with the exception of Assam and Bengal, where the increased rainfall was apparently due to the increased strength of the local sea winds of the period, which carried into the interior of Bengal and Assam larger amounts of vapour than usual.

[1] Mr. S. A. Hill, Meteorological Reporter, North-Western Provinces, at my request, worked out the distribution of pressure at an elevation of 10,000 feet for the month of January 1888. The distribution at that altitude differed little from the normal of the period as given in his paper on "Some Anomalies in the Winds of Northern India and their relation to the distribution of barometric pressure," published in the Royal Society's Transactions, Vol. 178, pages 335—378, except in one important respect. The line taken by the cold weather storms of the period January and February 1888 was found not to coincide with the axis of lowest pressure at the elevation of 10,000 feet, but with a somewhat remarkable belt of perfectly uniform pressure (20·961 inches to 20·967 inches), about 200 miles broad, which stretched over the upper part of the Peninsula between Kattiawar and Ganjam. This belt of uniform pressure in the higher strata almost exactly overlay the trough of low pressure in the lower strata referred to above.

The two following tables give the variation of the rainfall month by month during this period for the two years in six provinces of Northern and Central India to illustrate this feature:—

1887.

Provinces.	March.	April.	May.	Total variation of rainfall from normal during period March to May.
	Inches.	Inches.	Inches.	Inches.
Bengal	+1·72	−1·18	+2·60	+3·14
Assam	+2·62	−0·26	−1·68	+0·68
Behar	+0·30	+0·19	+4·74	+5·23
North-Western Provinces	−0·37	+0·08	−0·53	−0·82
Central Provinces	−0·54	−0·08	−0·79	−1·41
Punjab	−0·95	−0·57	−0·75	−2·27

1888.

Provinces.	March.	April.	May.	Total variation of rainfall from normal during period March to May.
	Inches.	Inches.	Inches.	Inches.
Bengal	−0·02	+1·60	−0·48	+1·10
Assam	+1·80	+3·68	+2·90	+8·38
Behar	−0·24	+0·20	−0·53	−0·57
North-Western Provinces	−0·18	−0·09	−0·31	−0·58
Central Provinces	−0·26	−0·30	−0·72	−1·28
Punjab	−0·62	−0·50	−0·40	−1·52

3rd.—The strongly pronounced hot weather conditions tended to give greater and more violent contrasts of humidity and temperature horizontally and vertically than usual, and thus more favourable conditions for the formation of tornadoes and severe thunderstorms and hailstorms. Both periods were hence characterized by hot weather storms of exceptional intensity. A list of the tornadoes which occurred during this period in 1888 and of the loss of life is given in the pressure section, pages 69 and 70.

4th.—One of the more important effects of these hot weather periods in both years was to give rise to similar pressure anomalies. This is at once seen from the following

brief summaries of the abnormal features published in the south-west monsoon forecasts of the two years, 1887 and 1888:—

1887.

(1). Pressure was in defect during the hot weather, and more especially in May over the whole of North and North-Eastern India, or in the Punjab, North-Western Provinces, Central India, Rajputana, the Central Provinces, Bengal, Assam, and Burma. The deficiency was small in Burma, Bengal, and the eastern portion of the North-Western Provinces, and large in the Punjab and western districts of the North-Western Provinces and in some parts of the Central Provinces.

(2). Pressure was in excess in West and South India, or in Sind, Guzerat, Bombay, the western districts of the Central Provinces, the Deccan, and Madras. The excess was large in the area represented by the stations of Bombay, Poona, Sholapur, and Belgaum.

1888.

(1). Pressure was in April and May below the normal over the whole of Northern India (*i.e.*, north of a line joining Kurrachi and Akyab). The negative pressure anomalies in that area increased from ·015″ in East Bengal to ·045″ in the Punjab.

(2). Pressure was above the normal in the remainder of India. The amounts of the excess or of the positive barometric anomalies were small in North Madras and the Central Provinces. The anomalies were large over a belt of country to the east of the West Ghats stretching from Malegaon to Bellary.

(3). In consequence of the increased pressure in the Central Provinces and the deficient pressure in the Gangetic plain, the position of the trough of low pressure of the rains and the average probable track of the cyclonic storms of the rains was more northerly than usual.

The chief features of the pressure anomalies at the commencement of the rains in the years 1887 and 1888 were hence almost identical. The only large and important difference was that the Central Provinces was in 1887, an area of deficient pressure, whilst in 1888 it was an area of increased pressure. In the former year the monsoon rainfall was largely in excess, whilst in 1888 it was in defect to a moderate extent. It is hence a striking example of the effect of these small but persistent variations of pressure conditions (and therefore of other meteorological conditions, more especially of air motion) in determining the distribution of the monsoon rainfall.

The effect of the similar hot weather conditions in both years was undoubtedly to decrease pressure more largely and rapidly in Upper and Central India than usual. A subsidiary effect of these conditions for which it is difficult to assign a reason appears to be to give increased pressure in Southern India.

The effect of the rapid decrease of pressure in Northern India was to establish unusually early in the season the pressure gradients necessary for the advance of the monsoon. The total gradient (*vide* page 70) at the beginning of May was ·53″, which is considerably greater than the average gradient during the height of the monsoon in the months of July and August. The pressure conditions which precede the advance of the monsoon currents were hence established very early. The establishment of these large pressure gradients in the beginning of May in no way hastened the general and permanent advance of humid winds over the Indian Seas into India, which constitutes the commencement of the south-west monsoon proper. The only influence in fact of the large pressure gradients was to give earlier and more frequent temporary advances of south-west winds into Southern India and Tenasserim in April and May, but it was not until the beginning of June that the first large advance and the fourth week of June that the permanent advance occurred.

The advance of this current is hence not an indraught to a hot area only. The establishment of pressure gradients is a preliminary, but the immediate determining causes of the rapid northward advance of the great monsoon current must be sought for mainly in its own energy and momentum. This vast current in 1888 invaded Central and Northern India in the month of June, and its flow was largely modified by the conditions then prevailing.

The following statement gives briefly these abnormal pressure conditions or barometric anomalies which were established or intensified during the preceding hot weather:—

1st.—Pressure was relatively in excess over the greater part of the Peninsula or to the south of the Vindhyas. The excess was greatest in the West Deccan and the greater part of the Central Provinces.

2nd.—Pressure was in relative defect in Burma, Assam, Bengal, the North-Western Provinces, the Punjab and the adjacent portions of Sind and Rajputana. The deficiency was small on the Bengal and Pegu coasts, and increased from the Bengal coast to the Punjab and from the Pegu coast to the interior of Burma.

The general tendency of these anomalies would evidently be to give increased indraught and rainfall to Northern India and diminished rainfall to the Peninsula during the south-west monsoon period. The rainfall tables and data given in previous pages indicate that this was actually the case.

In addition to these broadly marked features there were the several important secondary or subsidiary features.

In the area of deficient pressure which included the whole of Northern India there were two small areas of locally deficient pressure. These were—

1st.—Lower Burma, Arakan and the adjacent part of the Bay.

2nd.—The greater part of Behar and the eastern and central Districts of the North-Western Provinces, the centre of which lay between Patna and Allahabad throughout the whole of the hot weather and the rains.

The meteorological conditions and features of these two areas in 1888 were of great importance, as they very largely modified and determined the rainfall distribution of the south-west monsoon.

The following gives a brief statement of the peculiarities of the first of these two areas of deficient pressure, which covered Lower Burma, Arakan and the adjacent sea area of the Bay of Bengal. There had been from the beginning of January a deficiency of pressure in Lower Burma, Arakan and the adjacent sea area which had apparently determined the flow of storms to that area. This was further developed in June when the monsoon current reached this part of the Bay. The low pressure area off the Arakan coast was intensified for upwards of a fortnight, and acted as a sink beyond which the current could not pass. A rapid increase of the current in the south of the Bay commenced on the 21st and 22nd of June, and this apparently enabled it to break permanently through the obstacle offered by the area of slightly deficient pressure, but its influence continued to be shewn throughout the rains, partly by the excessive rainfall in Arakan and Lower Burma, and partly by the unusual westing of the winds in Lower Burma,

Tenasserim and the Andaman Islands which indicated that the current was drawn away from the western half of the Bay. This deflection of the Bay of Bengal current, it will presently be shown, probably also explains in part the deficient rainfall in Ganjam and the Madras coast districts generally from Pooree southwards.

The pressure data of this area are given in the following table in which the variations are stated relative to Akyab :—

Stations.	Pressure variation relative to Akyab.					
	January.	February.	March.	April.	May.	June.
Port Blair	+·009	+·014	+·020	+·019	+·019	+·043
Diamond Island	+·009	+·014	+·018	+·007	—·005	+·010
Akyab	0	0	0	0	0	0
Thayetmyo	—·014	+·024	0	—·004	—·002	—·011
Chittagong	+·006	+·002	+·005	—·012	+·009	+·019
Rangoon	+·015	+·021	+·024	+·002	+·014	+·019

The following table gives the normal and actual mean wind directions month by month from May to September at representative stations in Lower Burma, Tenasserim and the Andamans :—

Stations.	May.			June.			July.			August.			September.		
	Normal.	Actual.	Variation.	Normal.	Actual.	Variation.	Normal.	Actual.	Variation.	Normal.	Actual.	Variation.	Normal.	Actual.	Variation.
Mergui	S68W	N78W	34° excess westing	S48W	S57W	9° excess westing	S60W	S89W	29° excess westing	S63W	S87W	24° excess westing	S64W	N84W	20° excess westing.
Port Blair	S34W	S81W	47° do.	S38W	S56W	18° do.	S44W	S49W	5° do.	S43W	S55W	12° do.	S43W	S62W	19° do.
Diamond Island.	S76W	S76W	Normal	S32W	S42W	10° do.	S47W	S49W	8° do.	S44W	S49W	5° do.	S39W	S43W	4° do.
Bassein	S82W	S78W	4° less westing	S15W	S46W	31° do.	S26W	S41W	15° do.	S34W	S47W	13° do.	S25W	S42W	17° do.
Rangoon	S17W	S35W	18° excess westing	S16W	S33W	17° do.	S29W	S51W	22° do.	S36W	S44W	8° do.	S23W	S	23° less westing.
Average deviation of winds at these stations from normal.			19° do.			17° do.			16° do.			12° do.			7° excess westing.

A glance at these tables shows that the pressure, and wind data, are thoroughly consistent, and that they indicate the existence of prolonged and persistent variations of meteorological conditions from the normal in that area at that period. The pressure data give evidence of the existence of a very slight permanent depression the centre of which was near Akyab or Thayetmyo. The westward diversion of the wind direction in Lower Pegu and at the Andamans in the month of May and during the whole of the south west monsoon period is in strict accordance with the exstence of a barometric depression in

Central Burma and off the Arakan Coast. The tendency of an advancing humid current to increase a barometric depression when advancing to it or passing through it, even if it does not give rise to any severe storm, is by no means an uncommon feature of the rains in India. The temporary development and intensification of the depression during the greater part of the month of June was almost certainly due to this tendency. It is consequently a very striking example of the large effect, which small variations of condition may produce in modifying the advance of the monsoon current up the Bay. The prolonged existence of this sink or local depression at once explains the heavy rainfall which occurred over the whole of Lower Burma and in Arakan at the commencement of and during the south-west monsoon period. For by the tendency of meteorological conditions to perpetuate themselves for considerable periods during the south-west monsoon period the sink which was in existence in May before the advent of the south-west monsoon current continued throughout the whole of that period. It is also not a little singular that the remarkable storm of the second and third weeks of September should have advanced across this area of deficient pressure.

The second area of local abnormal deficiency of pressure and of excessive rainfall includes Behar, Chutia Nagpur and the eastern districts, of the North-Western Provinces.

The phenomena were even more striking in this case than in the previous case of the Lower Burma and Arakan area of depression and other abnormal conditions. There was undoubtedly an area of deficient pressure developed in the hot weather months in this area, in which the wind features were at that time, and had been for at least three months previous, remarkable. The air movement was steadily considerably above the average month after month in the area, and the increased air motion was most strongly shown at the central stations of the area, *viz.*, at Allahabad, Benares and Patna. This is shown fully by the data of the following table which give the normal and actual average daily amounts of wind, and the percentage variation at nine stations in the area for the period January to June :—

Stations.	January.			February.			March.			April.			May.			June.		
	Normal.	Actual, 1888.	Percentage variation, 1888.	Normal.	Actual, 1888.	Percentage variation, 1888.	Normal.	Actual, 1881.	Percentage variation, 1881.	Normal.	Actual, 1881.	Percentage variation, 1881.	Normal.	Actual, 1881.	Percentage variation, 1881.	Normal.	Actual, 1881.	Percentage variation, 1881.
Burdwan	44	42	— 5	55	50	— 9	81	77	— 5	115	118	+ 3	132	132	0	118	99	—16
Purneah	41	55	+34	59	77	+31	81	37	—54	86	94	+ 9	81	44	—46	79	44	—44
Patna	48	68	+42	69	95	+38	82	101	+23	105	147	+40	114	141	+24	101	88	—13
Allahabad	46	64	+39	64	100	+56	68	113	+66	77	137	+78	91	138	+52	91	151	+66
Hazaribagh	118	151	+28	156	208	+33	178	218	+22	201	274	+36	210	221	+ 5	213	229	+ 8
Agra	83	72	—13	97	106	+ 9	109	119	+ 9	112	134	+19	141	124	—12	137	140	+ 2
Bareilly	67	66	— 1	96	114	+19	103	124	+20	108	118	+18	124	95	—23	117	101	—14
Lahore	46	31	—33	57	57	0	75	77	+ 3	80	75	— 6	80	62	—23	84	97	—15
Jeypore	94	85	—10	106	102	— 4	137	118	—14	138	128	— 7	166	137	—17	175	231	—32

The following table gives the barometric variations at the same stations relative to Patna for the period, January to September :—

	January.	February.	March.	April.	May.	June.	July.	August.	September.
Burdwan	—·008	+·003	0	—·015	—·002	—·016	+·004	—·028	—·001
Purneah	+·006	+·008	+·015	+·006	+·015	0	+·013	+·010	+·004
Patna	0	0	0	0	0	0	0	0	0
Allahabad	+·006	+·023	+·011	—·003	—·001	+·021	+·004	+·015	+·003
Hazaribagh	0	+·025	+·022	+·003	+·009	+·023	+·014	0	+·003
Agra	+·008	+·039	+·016	+·012	+·010	+·037	+·026	+·027	+·017
Bareilly	0	+·025	+·005	—·007	—·003	+·011	+·022	+·030	+·015
Lahore	—·001	+·033	—·015	—·010	—·025	+·020	+·003	+·023	—·007
Jeypore	—·003	+·028	+·017	+·018	+·011	+·032	+·013	+·016	+·009

The second table establishes conclusively the existence of a persistent depression in this area, and the first table illustrates the abnormal increased velocity of the air movement during the period in that area. The tendency to cyclonic motion in this area during the rains has been already fully shown under the section in winds, and need not be repeated.

The existence of this depression at once explains the continued heavy rainfall throughout the south-west monsoon period in the area, and also why so many storms of the rains drifted towards it, and why there was a marked tendency shown for small subsidiary storms to form in it, as, for example, the subsidiary cyclonic storm of August 10th to 13th.

It may also be again noted that pressure was in relative defect in this area, whilst it was in excess in the Central Provinces, in consequence of which the trough of low pressure was thrown considerably further to the north than usual. A glance at the storm track chart of the year and of previous years shows clearly that the storms in July and August 1888 advanced along a more northerly track than usual, and that an unusually large proportion of them passed into the deficient pressure area in Behar and the North-Western Provinces. This sink hence played an important part during the year, and its existence explains many of the abnormal features of the rains. The rainfall in this sink was, on the whole, most excessive in the centre and to the west of the centre of the area of depression.

The excessive south-west monsoon rainfall in Burma and the North-Western Provinces was hence almost certainly related to the abnormal features in existence before the advent of the monsoon. The only possible explanation of the persistence and influence of these features in the present stage of enquiry is that advanced in previous reports, *e.g.*, the report for 1886, in which it is stated that "the fact that the character and distribution of the rainfall of the south-west monsoon is fairly uniform throughout the whole season suggests strongly that it is mainly dependent upon the previous meteorological conditions established over India and the adjacent seas, and that the monsoon circulation not only does not remove previous peculiarities but rather tends to perpetuate them, and in some

cases even to exaggerate or emphasize them for longer or shorter periods. That the monsoon circulation should be modified by pre-existing abnormal features or conditions seems to be almost self-evident. That the introduction of the south-west monsoon current into India should tend to perpetuate rather than to remove the pre-existing abnormal features might be inferred from the analogous case of water motion, and from the known general tendency of meteorological actions to perpetuate for longer or shorter periods, according to circumstances, the states and conditions which gave rise to these actions rather than to remove them."

In the preceding pages we have stated that the monsoon rainfall was very deficient in three areas in 1888. The deficiency was greatest and most serious in South Orissa and the northern districts of Madras, and it has been pointed out that it was probably mainly due to the divergence of the Bay of Bengal monsoon current towards Burma. The following gives a statement of the variation of the rainfall during the monsoon period at several typical stations in this area of deficient rainfall:—

	Variation of rainfall from the normal.					
	June 1888.	July 1888.	August 1888.	September 1888.	October 1888.	Total June to October 1888.
	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
False Point	−6·31	+2·72	+4·63	−2·21	−7·13	−8·30
Gopalpur	−1·80	−2·62	+2·95	−4·59	−8·38	−14·44
Aska	−3·65	−6·75	+3·19	−2·27	−6·20	−15·68
Cocanada	−2·91	−1·65	+3·46	−1·23	−4·18	−6·51
Masulipatam	−0·94	−1·05	−3·37	−3·26	−7·73	−16·35
Sironcha	−1·69	+7·23	−2·32	−5·96	−1·89	−4·63
Secunderabad	+2·10	−1·04	−2·36	−2·96	−3·22	−7·48

The deficiency was greatest in the Ganjam and Godavery districts. The abnormal pressure conditions or anomalies in this area were very small, and also somewhat irregular and apparently not sufficient of themselves to account for the drought. The increased pressure in the Deccan undoubtedly gave a more northerly direction to the Bombay current than usual, and hence diminished the flow across the Deccan and Madras coast. The Bay of Bengal current was deflected to an unusual extent towards Burma, and hence was withdrawn largely from the west coast districts of the Bay. In consequence of these deflections of the two currents there was little interaction between the two currents in the neighbourhood of the west coast districts of the Bay, and as this interaction appears to be one of the most important causes of rainfall in that area during the south-west monsoon, the deficiency of the rainfall in North Madras and Orissa was largely, if not entirely, due to the abnormal conditions in Burma and the Deccan.

The second area of deficient rainfall included a portion of the Bombay coast districts and the greater part of the Deccan. Over the whole of this area pressure was in excess in the pre-monsoon months of 1888, a condition which is usually associated with deficient monsoon rainfall, especially if the anomalies are large. One peculiarity of this pressure condition is that when pressure is excessive in the Deccan and Southern India (as for

example was the case in the years 1876, 1877, 1887 and 1888), heavy rainfall has in several cases occurred in the coast districts whilst the rainfall was almost without exception very deficient in the districts to the east of the West Ghâts. The two following tables give the pressure and rainfall variations for the months of March, April and May of each of these years at eight typical stations, in the coast districts and the Deccan:—

Pressure variations relative to the normal.

Stations.	Years.	March.	April.	May.	Average March to May.
Cochin	1876	−·001	−·025	+·021	−·002
	1877	+·048	−·018	+·031	+·020
	1887	−·020	−·005	+·022	−·001
	1888	+·013	−·003	−·019	−·003
Karwar	1877	?	?	?	?
	1887	−·015	−·010	+·032	+·002
	1888	+·019	+·005	−·001	+·008
Ratnagiri	1877	+·023	+·027	+·040	+·030
	1887	−·010	+·009	+·036	+·012
	1888	+·030	+·019	+·010	+·020
Bombay	1876	+·004	−·040	+·011	−·008
	1877	+·024	+·028	+·037	+·030
	1887	−·012	+·002	+·027	+·006
	1888	+·027	+·014	+·006	+·016
Belgaum	1876	+·002	−·023	+·023	+·001
	1877	+·020	+·042	+·040	+·034
	1887	−·033	−·016	+·004	−·015
	1888	+·037	+·022	+·001	+·020
Sholapur	1877	+·006	+·051	+·011	+·019
	1887	−·010	0	+·064	+·018
	1888	+·016	−·007	−·004	+·002
Poona	1876	−·030	−·051	−·007	−·029
	1877	−·004	+·001	+·015	+·004
	1887	−·004	+·005	+·024	+·008
	1888	+·029	+·008	+·002	+·013
Malegaon	1876	?	?	?	?
	1877	?	?	?	?
	1887	−·028	+·004	+·010	−·005
	1888	+·027	+·010	+·013	+·017

Rainfall variations.

Stations.	Years.	June.	July.	August.	September.	October.	Total.
Cochin	1876	+ 0·80	+10·39	− 3·24	+ 1·27	− 5·68	+ 3·54
	1877	+12·14	− 8·16	+ 0·71	+ 7·25	+11·98	+23·92
	1887	+ 9·28	− 8·79	− 6·56	− 2·55	+ 1·68	− 6·94
	1888	+ 6·51	− 5·36	− 1·17	− 2·47	− 3·14	− 5·93
Karwar	1876	− 2·73	+ 3·34	−11·24	− 5·92	− 3·35	−19·90
	1877	−10·59	−26·77	+ 2·00	+ 1·17	+11·88	−22·31
	1887	+19·48	− 0·98	− 0·66	+ 2·57	+ 6·24	+26·65
	1888	+16·50	+ 2·20	+ 3·91	−10·51	− 4·19	+ 7·91
Ratnagiri	1876	−10·42	− 9·84	−11·68	− 5·49	− 2·79	−40·22
	1877	+13·08	−22·50	− 6·63	− 0·53	+ 3·22	−13·36
	1887	+13·74	− 7·60	− 2·88	+ 8·73	− 2·26	+ 9·73
	1888	+ 2·15	− 5·01	+ 1·41	− 5·45	− 3·38	−10·28
Bombay	1876	− 7·76	− 0·61	− 6·57	− 5·96	− 1·48	−22·38
	1877	+14·61	−12·98	− 6·61	− 1·72	+ 6·74	+ 0·04
	1887	+ 3·23	+ 6·22	+ 2·47	+ 7·34	+ 0·96	+20·22
	1888	− 5·01	− 2·25	− 3·64	− 5·88	− 1·69	−18·47
Belgaum	1876	− 4·18	+ 6·08	− 6·60	− 1·29	− 3·42	− 9·41
	1877	+ 6·64	−11·51	− 1·10	+ 3·28	+ 2·93	+ 0·24
	1887	+ 1·15	+ 3·39	− 6·79	− 0·41	+ 6·95	+ 4·29
	1888	− 1·88	− 0·78	+ 3·04	+ 1·04	− 2·22	− 0·80
Sholapur	1876	− 2·27	− 1·85	− 1·40	− 5·33	− 3·07	−13·92
	1877	+ 3·91	− 0·43	+ 0·72	+ 4·77	+ 0·44	+ 9·41
	1887	− 0·77	+ 0·82	+ 7·54	+ 2·60	− 0·29	+ 9·90
	1888	+ 2·55	− 0·17	− 5·26	− 1·86	− 1·55	− 6·30
Poona	1876	− 2·09	− 0·96	− 1·20	− 2·93	− 3·20	−10·38
	1877	+ 2·95	− 5·23	− 2·92	+ 0·58	− 0·96	− 5·58
	1887	− 1·56	+ 4·12	− 1·83	+ 0·61	− 2·21	− 0·87
	1888	− 3·08	+ 1·00	− 1·75	+ 1·73	− 1·54	− 3·64
Malegaon	1876	+ 3·03	− 0·62	− 0·23	− 4·14	− 2·31	− 4·27
	1877	+ 0·19	− 1·45	+ 0·02	− 3·34	− 0·60	− 5·18
	1887	+ 2·56	+ 1·15	+ 1·28	− 3·34	− 1·20	+ 0·45
	1888	+ 0·08	− 2·32	− 3·90	− 1·15	− 0·44	− 7·73

These figures show that the increased pressure (indicated by the positive barometric anomalies) in the Deccan and Southern India accompanied on the whole increased rainfall

in the adjacent west coast districts during the south-west monsoon in the years 1887 and 1888 and also in some cases in the years 1876 and 1877 and diminished rainfall on the average in the Deccan. It is hence probable that the increased pressure in the Deccan acts as a species of obstruction which causes a larger amount of ascensional motion and hence increased rainfall in the coast districts. The current which has thus been deprived of an unusually large proportion of its aqueous vapour before and whilst crossing the Ghats for this reason gives a smaller precipitation in its passage across the Deccan. This argument, it may be noted, does not take into account the variations in the strength or the current itself, which is probably a most important factor.

Again in 1888 (as in 1887) the Bombay current was drawn more strongly towards Upper India in consequence of the unusual deficiency of pressure in that area. In both years, there was a more or less general and considerable deficiency of rain in Cutch, Guzerat, West Rajputana, and Khandesh, during the south-west monsoon.

Mr. Blanford has pointed out that in consequence of the deflection of the winds in the Arabian Sea to west, the air current which crosses the Sind coast during the rainy season, is not the monsoon humid or sea current pure and simple, but a sea current more or less mixed with a land current brought down from Beluchistan and forming part of the circulation round the area of minimum pressure in Sind and the Punjab. This is almost undoubtedly the case. On this supposition a stronger circulation than usual, due to abnormal deficiency of pressure in the Punjab area of low pressure, would undoubtedly give an extension to these land winds and hence probably diminish the rainfall in the districts more considerably under the influence of these mixed winds. This unusual deficiency of pressure in Sind, the Punjab and Rajputana undoubtedly explains the slightly increased southing of the winds in the Central Provinces, Khandesh and the Bombay coast districts during the south-west monsoon of 1888 (already fully pointed out in the section on wind), which of course indicated a stronger northerly and a weaker easterly tendency of the humid current than usual.

In this area, including Sind, North Bombay and West Rajputana the deficiency of rainfall in the south-west monsoon of 1888 would be due to somewhat different causes than operated in the Deccan. The following table gives wind data from April to August at five stations in Sind, Guzerat and Kathiawar illustrating the deflection of the current due to the abnormal deficiency of pressure in Upper Sind and the West Punjab :—

Stations.	Mean Wind Direction.									
	April.		May.		June.		July.		August.	
	Normal.	Actual.	Normal.	Actual.	Normal.	Actual.	Normal.	Actual.	Normal.	Actual.
Kurrachee	S62°W	S82°W	S60°W	N88°W	S58°W	S68°W	S62°W	S75°W	S63°W	S72°W
Bhuj	N71°W	N76°W	S89°W	N83°W	S72°W	S68°W	S80°W	S77°W	S82°W	S83°W
Rajkot	N54°W	N66°W	N86°W	N76°W	S70°W	S56°W	S75°W	S66°W	S82°W	S76°W
Deesa	N89°W	W	S55°W	S57°W	S36°W	S34°W	S40°W	S30°W	S47°W	S44°W
Surat	N66°W	S51°W	S60°W	S54°W	S48°W	S55°W	S53°W	S58°W	S62°W	S44°W

The following table gives the variations of the mean pressure month by month from April to August 1888 at eight stations in and near this area of deficient rain :—

	Pressure Variations from the normal.					
	April 1888.	May 1888.	June 1888.	July 1888.	August 1888.	Average, April to August 1888.
Kurrachee	—·016	—·004	—·015	—·010	—·032	—·015
Bhuj	+·005	+·004	+·005	+·013	—·015	+·002
Rajkot	+·002	+·009	+·008	—·011	—·041	—·007
Deesa	—·011	—·003	—·011	—·007	—·036	—·014
Surat	+·012	+·011	+·010	+·007	—·012	+·006
Bombay	+·011	+·002	—·007	+·013	+·003	+·004
Ajmere	—·022	—·005	—·005	—·006	—·023	—·012
Malegaon	—·009	+·012	+·004	+·016	—·008	+·003

The pressure variations are somewhat irregular but appear generally to show a marked tendency towards persistent increased pressure in Cutch, Kattiawar and Khandeish, and to decreased pressure in Sind and Rajputana. The winds on the Sind coast on the whole show more westing during the monsoon months than usual, which supports to some extent the supposition of the greater influence of land winds at the time in that area. The deficiency of the rainfall on Kattiawar and North Bombay in 1888 is shown by the table of rainfall variations not to be very large, and by no means comparable with the very serious deficiency which occurred in 1876 and 1877 and which was followed by excessive rain in 1878.

The following table gives the rainfall variations in the four years 1876, 1877, 1887, and 1888 for comparison :—

Rainfall variations.

	Years.	June.	July.	August.	Total, June to August.
Kurrachee	1876	—0·23	+ 1·29	— 0·53	+ 0·53
	1877	—0·22	— 2·59	— 1·69	— 4·50
	1887	—0·16	— 1·37	— 1·16	— 2·69
	1888	—0·18	— 2·77	— 0·72	— 3·67
Bhuj	1876	—1·87	— 1·13	— 3·32	— 6·32
	1877	—1·38	— 3·98	— 3·89	— 9·25
	1887	+0·96	+ 2·23	— 2·92	+ 0·27
	1888	—2·02	— 0·79	+ 1·40	— 1·41
Rajkot	1876	—4·51	+ 0·67	+ 1·63	— 2·21
	1877	—3·12	— 6·06	— 7·00	—16·18
	1887	—3·03	+ 6·66	— 2·37	+ 1·26
	1888	—0·01	— 1·63	— 0·62	— 2·26

Stations.	Years.	June.	July.	August.	Total, June to August.
Deesa	1876	—1·61	— 0·12	— 5·44	— 7·17
	1877	+0·50	— 5·61	— 8·07	+13·18
	1887	—0·66	— 2·24	— 3·93	— 6·83
	1888	—1·27	— 5·67	+ 1·90	— 5·04
Surat	1876	—2·93	+ 4·90	+11·20	—13·17
	1877	—6·74	— 9·63	— 6·98	—23·35
	1887	—1·26	+ 8·07	— 4·18	+ 2·63
	1888	—2·28	+ 1·71	— 3·47	— 4·04

The third area of local deficient rainfall included a narrow strip of country in North Behar. As there is no meteorological observatory in the area affected, it is not possible to state the meteorological conditions which preceded and accompanied the draught in that area.

The chief area of distress in Behar was a narrow tract stretching through the Chumparun, Mozufferpore and Durbhunga districts about 90 miles from east to west along the Nepal frontier. It included the Dhaka thana, part of the Motihari thana and the Madhubani outpost of the Chumparun district, parts of the Baragnia Majorgung, Sonlursa Bila and Sursand outposts, a small part of the Papri thana in Mozufferpore and the Jali and Khagowli thanas of Durbhunga. The tract also extended into the Bhagulpore district. In the whole of this area the rainfall was much lighter than elsewhere in Behar and the rains ceased prematurely early at the end of August with the result that the winter rice crop on which the cultivators mainly depend was almost entirely lost. In the district of Gya a tract near Shergati was also affected. The table of barometric anomalies for the observing stations in Behar given below, in no way account for the deficient rainfall in the draught area in North Behar in the earlier monsoon months, but the large positive variations for September probably explain the large deficiency in the September rainfall which was apparently a considerable feature in the production of the distress:—

Pressure variations.

Stations.	April 1888.	May 1888.	June 1888.	July 1888.	August 1888.	September 1888.	Average April to September 1888.
Purneah	—·033	—·002	—·035	—·008	—·029	+·051	—·006
Durbhanga	—·047	—·015	—·041	—·011	—·036	+·046	—·017
Patna	—·039	—·017	—·035	—·021	—·039	+·047	—·017
Gorakhpur	—·035	—·009	—·024	—·003	—·023	+·052	—·007

The conclusion of the rains in Upper India is usually followed by a rapid increase of pressure. During the rains pressure in India is highest in the west coast districts and the Deccan. The rapid increase of pressure in Upper India is hence usually accompanied by the transfer of the area of minimum pressure from Upper to North-Eastern India, *i.e.*, to Assam, East Bengal and Burma. This change of conditions reacts upon the monsoon current in the Bay and tends to prolong rainfall in North-East India. A burst of moderate

rain hence frequently occurs at this period in Burma and Bengal. When this burst of rain exhausts itself, pressure increases rapidly in Burma, and if dry weather and high pressure conditions continue in Upper India, the area of lowest pressure is after a short interval transferred to the Madras coast districts and adjacent portion of the Bay. This second change of conditions determines the commencement of north-east humid winds and of the retreating south-west monsoon rains on the Coromandal or Madras coast. These series of changes were very plainly shown in October 1888. Pressure was lowest in Upper India during the month of September, but in the last week of the month it increased rapidly in Northern India, and the area of minimum pressure was transferred to Burma in the second week of October. Frequent showers were received in Burma from the 10th to the 24th when a rapid change occurred. Rain ceased to fall in that area, pressure increased rapidly, and the area of minimum pressure was transferred to the neighbourhood of the Coromandal Coast. This change was coincident with the setting in of the so-called north-east monsoon rains on the Coromandal Coast. The retreating south-west monsoon rains were unusually late in commencing in Madras, but gave normal rain except in certain districts which received excessive rain during the passage of the two cyclonic storms of the period. These two storms were of the ordinary type, one occurring at the commencement and the other at the end of this period of rainfall and marched in the normal direction. Hence, although the retreating south-west monsoon was later than usual in giving rain to Madras and Mysore, the conditions during the period from its commencement, 25th October to its termination on the 16th of December, were normal, and the rainfall normal or abundant.

The experience of the years 1887 and 1888 suggests:—

1st.—That a strong and steady monsoon implies nearly continuous rain in July and August and the absence of a long break in the rain during August.

2nd.—In a weak monsoon there is a strong tendency to a more or less prolonged break in the rains during August.

3rd.—When there is no prolonged break in the rains during August there is a marked tendency for a break to occur in the month of September in Northern and Central India. Such a break often accompanies the retreat of the Bombay current from Upper India.

4th.—The early retreat of the Bombay current from Upper India under such conditions usually accompanies weakness of the Bay of Bengal current, during the months of September and October and hence general deficiency of rainfall in Northern India during these two months.

5th.—Hence a strong monsoon throughout July and August is frequently associated with an early withdrawal of the current from Upper and Central India and with deficient rain during the months of September and October generally, and more especially in Bengal and Assam, at critical periods of the growth of the staple rice crops.

6th.—That such conditions appear to be on the whole favourable to the occurrence of normal or abundant rainfall in Madras during the retreating south-west monsoon period.

These inferences are based on too short a period of observation to be accepted as generally true, but they are placed on record as in accordance with the facts of the past two years, and also apparently with theory.

EXPLANATION OF THE PLATES.

PLATE I.—*Frontispiece.*—A chart of India, shewing the positions of the meteorological observatories and rain-gauge stations in 1888.

PLATES II to IV.—Charts shewing the mean distribution of temperature and pressure, and the resultant wind directions in each month of 1888.

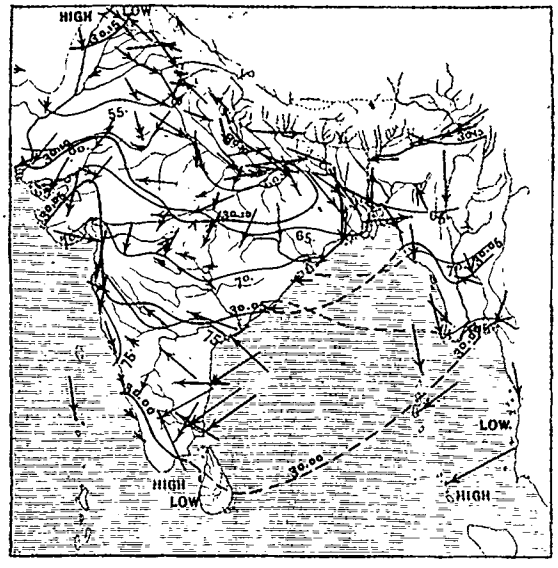
TEMPERATURE.—The data for the isotherms are given in Table VI of the Appendix. The isotherms (in red) represent increments of 5° Fahrenheit, and the figures, indicating their respective values, are placed on the side of the higher temperature.

PRESSURE.—The data for the isobars are given in Table VIII of the Appendix. The isobars (in blue) are given for each twentieth of an inch, and their values are marked by the figures on the side of the higher pressure.

WIND DIRECTIONS.—These are the resultants computed by Lambert's formula from the observations, an equal value being assigned to each. Their values are given in Table XIX of the Text. The arrows shew the direction of the resultant, the point of the arrows indicating the station, and, by their respective lengths, the percentage of the observations expressing the numerical value of the resultant in each case, five eighths of an inch being equal to 100 per cent.

PLATE V.—Chart shewing the tracks of the storms originating in the Bay of Bengal and the Arabian Sea in 1888.

JANUARY 1888.



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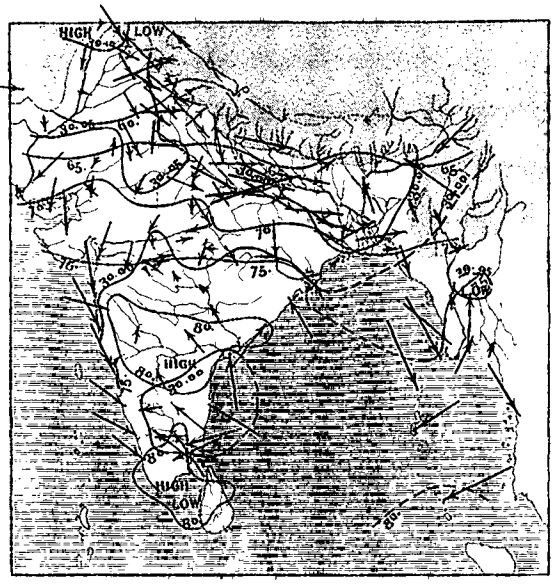
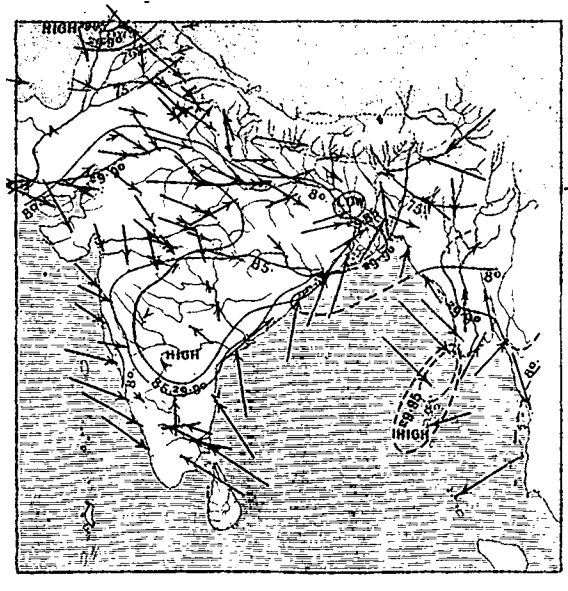
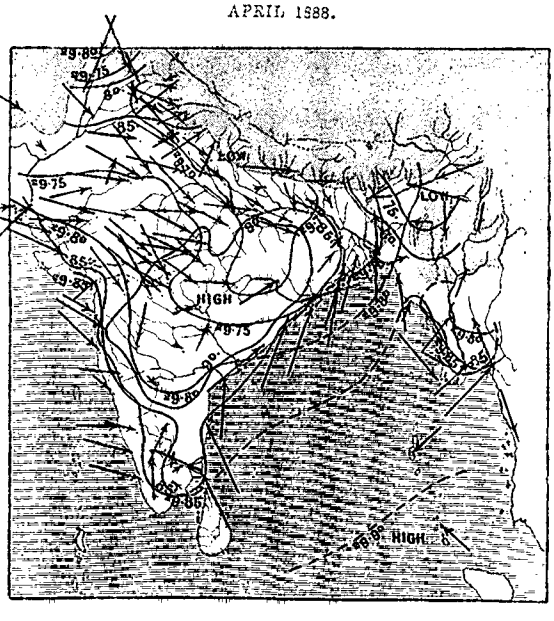


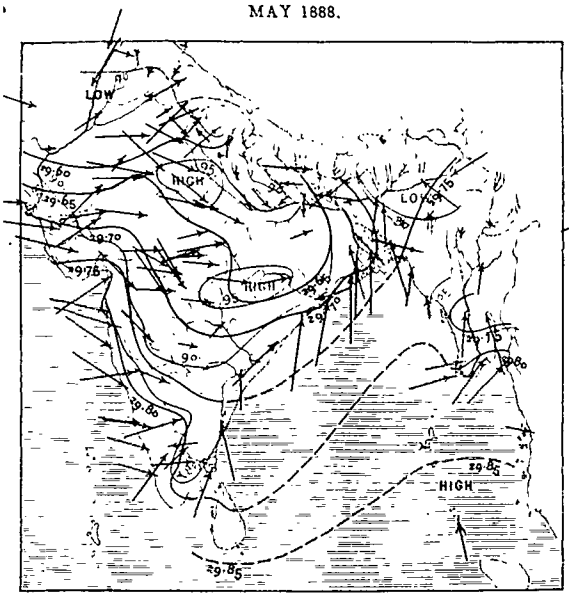
MARCH 1888.



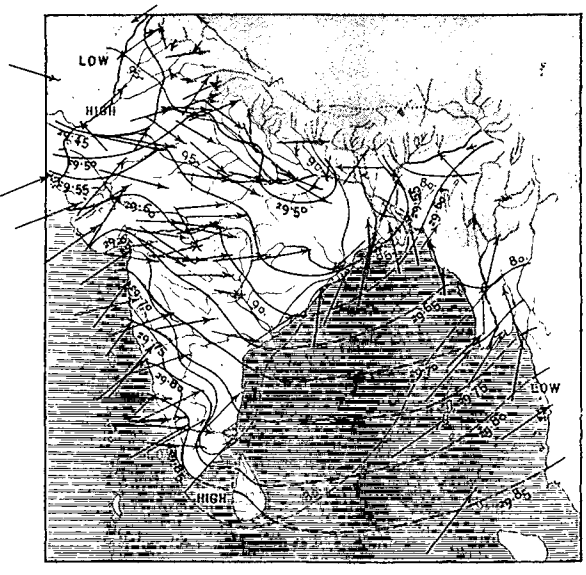
APRIL 1888.



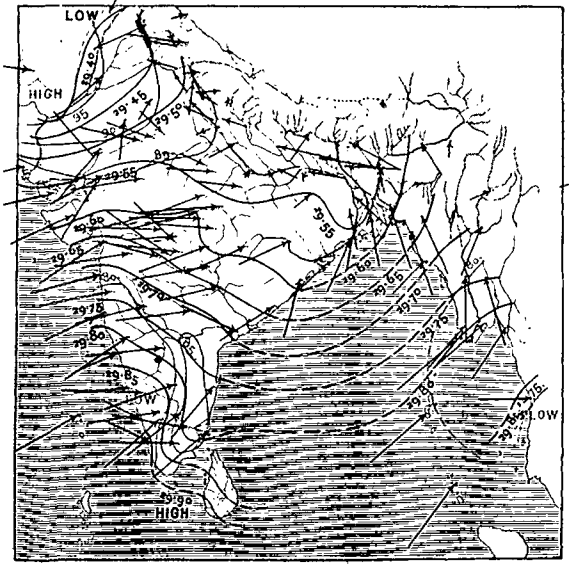
MAY 1888.



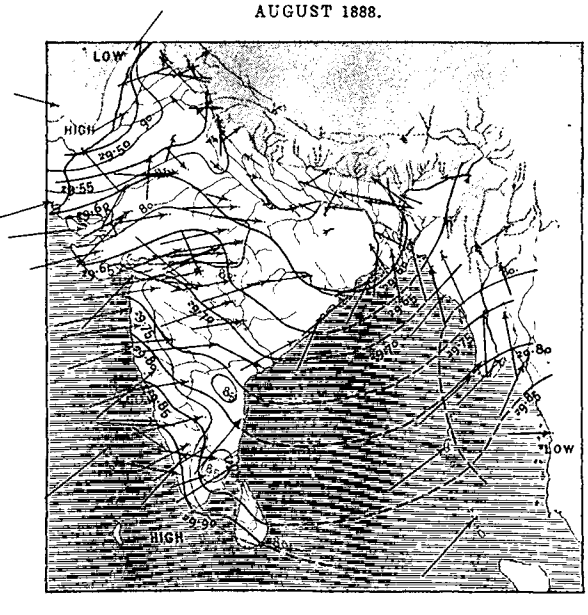
JUNE 1888.



JULY 1888.



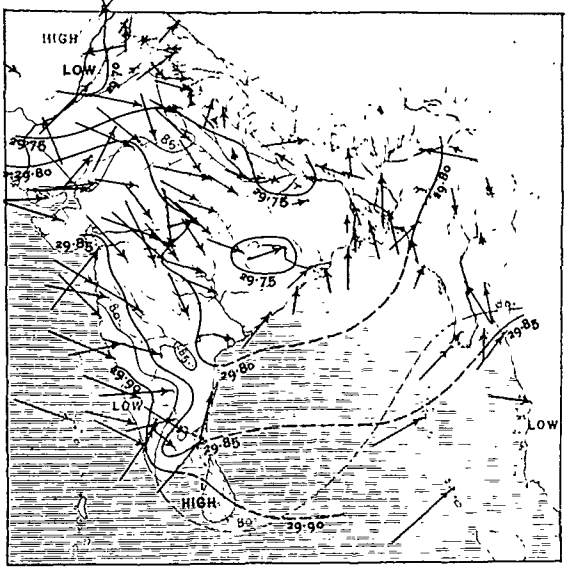
AUGUST 1888.



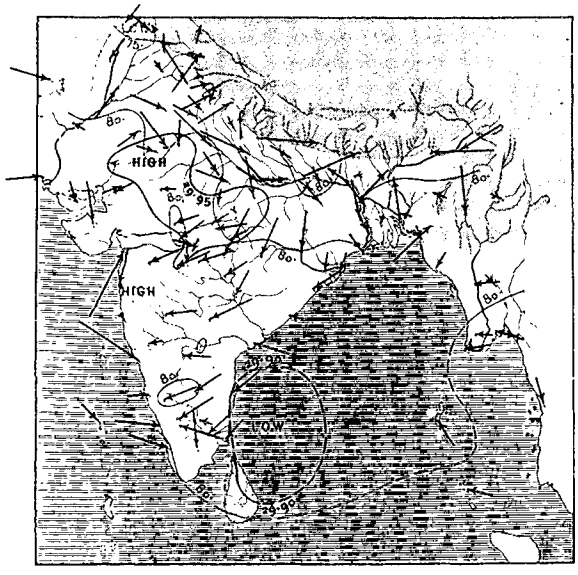
Reg. No. 2637, Wr., I.—9-12-89.—410.

Litho., S. I. O., Cal.

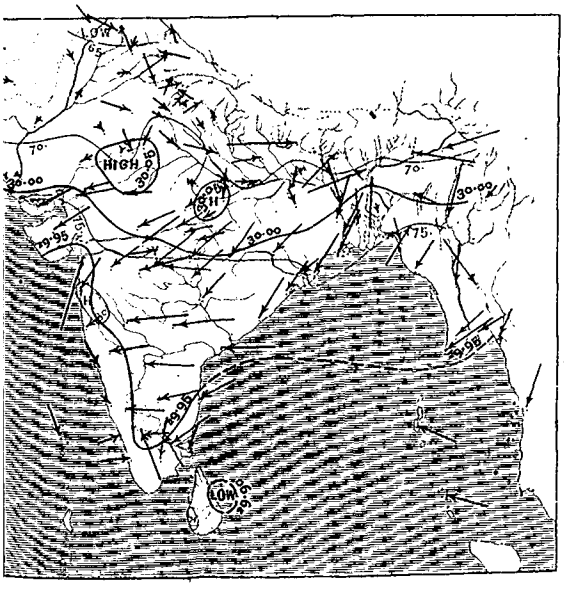
SEPTEMBER 1888.



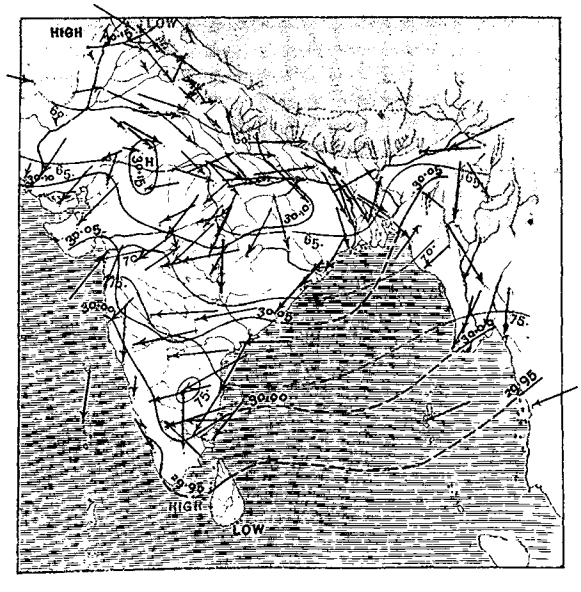
OCTOBER 1888.



NOVEMBER 1888.



DECEMBER 1888.



TRACKS
OF THE
STORMS
originating in the
BAY OF BENGAL
in 1888.
Scale of English Miles
Storms originating in Bay of Bengal, thus.....
Land-formed storms of 2nd to 5th July, 9th
to 31st July, and 15th to 21st August, thus.....

Lithe., S. I. O., Calcutta.

APPENDIX.

Abstract of Meteorological Registers for the year 1888.

TABLE I.—EQUILIBRIUM TEMPERATURES OF SOLAR RADIATION IN 1888. (27 STATIONS).

1. LEH (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, sun and shade. Mean.	Maximum.	Minimum.
January	93·8†	28th	113·9	22nd	66·6	62·2†	88·2	37·7
February	100·9‡	21st	126·5	10th	73·9	68·5‡	91·4	45·0
March	112·3	30th	130·1	11th	76·2	64·7§	83·4	37·7
April	118·4	20th & 27th	132·6	2nd	91·2	64·9	80·7	46·7
May	126·7	31st	140·6	5th	101·6	65·6	74·7	53·8
June	130·0	26th	143·8	7th	104·0	62·2	72·1	48·6
July	133·8	16th	145·4	21st	111·6	55·8	67·6	49·4
August	132·8	26th	144·6	22nd	124·1	56·0	66·5	50·5
September	124·4	1st	130·6	29th	115·6	54·5	59·9	49·5
October	115·7	22nd	125·1	24th	90·8	59·2§	71·5	41·7
November	103·3	21st	116·6	25th	67·6	57·6	74·2	31·7
December	91·7	10th	104·6	22nd	44·6	55·1	69·2	13·5
Year	115·3	...	145·4	...	44·6	60·5	91·4	13·5
Means of extremes	...	...	129·5	...	89·0	...	75·0	42·2

* On a stand, 4 feet 6 inches high.
† Mean of 29 days.
‡ Mean of 27 days.
§ „ „ 30 „

2. MURREE (*corrected*).‖

Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, sun and shade. Mean.	Maximum.	Minimum.
108·5¶	29th	126·7	15th	63·7	60·5¶	88·9	22·2
108·8**	4th	132·9	11th	73·5	61·7**	88·4	32·6
123·7§	30th	134·5	14th	80·5	60·8§	68·2	27·8
128·2	27th	147·5	22nd	86·5	60·2	70·9	21·1
141·1††	23rd, 24th & 28th.	152·5	4th	106·5	61·2††	68·0	46·9
			Not recorded.				
			Ditto.				
			Ditto.				
139·1†	3rd	154·8	24th	125·0	63·3†	81·0	54·2
129·6†	24th	138·6	4th	95·8	61·2†	71·6	38·0
119·8††	11th	136·4	23rd	73·8	60·3††	79·0	24·7
114·8§	19th	127·6	20th	87·8	60·6§	76·1	27·0
...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...

‖ On a stand, 3 feet 8 inches high.
¶ Mean of 25 days.
** Mean of 23 days.
†† „ „ 28 „

3. RAWALPINDI (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, sun and shade. Mean.	Maximum.	Minimum.
January	113·1†	19th	120·3	23rd	100·1	50·3†	58·0	39·8
February	120·0†	29th	136·1	10th	93·1	55·1†	66·2	33·8
March	136·4‡	19th	148·1	31st	112·1	54·6‡	65·3	31·7
April	144·9	30th	161·1	22nd	121·5	56·3	64·1	35·3
May	157·4‡	27th	169·6	1st	136·1	55·3‡	60·6	44·3
June	157·4	21st	170·6	9th	133·7	54·5	63·1	43·1
July	153·5‡	18th	168·7	28th	134·0	53·4‡	64·9	44·8
August	148·7	15th	157·1	20th	136·1	55·4	66·5	42·7
September	149·2	12th	154·1	4th	144·6	52·5	56·4	47·6
October	140·1	1st	151·1	30th	127·3	51·9	61·3	47·2
November	127·9§	11th	137·2	25th	114·6	50·7§	57·4	42·3
December	117·1‡	10th	126·1	20th	100·1	49·9‡	60·0	33·9
Year	138·8	...	170·6	...	93·1	53·3	66·5	31·7
Means of extremes	...	...	150·0	...	121·1	...	62·0	40·5

4. LAHORE (*corrected*).‖

Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, sun and shade. Mean.	Maximum.	Minimum.
121·0	21st	136·0	22nd	65·5	55·5	69·5	13·5
128·7	29th	146·2	2nd	83·0	60·1	75·0	22·0
149·6	30th	157·5	14th	136·0	61·3‡	68·5	51·4
161·9	20th & 28th	173·5	2nd	151·5	63·9	73·8	53·4
161·8	25th	176·2	1st	113·0	56·3	63·7	24·9
160·7	15th	174·8	7th	137·0	54·7	71·5	40·7
154·1	23rd & 24th	167·0	19th	109·0	54·6	70·4	19·1
158·2	15th	170·3	18th	123·0	61·8	73·7	36·6
157·0	10th & 13th	162·0	1st	148·8	58·2	64·9	55·9
149·5	1st, 2nd, 9th & 12th.	157·0	3rd	133·5	58·1	66·9	52·0
137·8	10th	147·0	26th	126·0	56·3	63·6	53·4
127·3	3rd, 8th & 17th.	132·0	20th	116·0	55·0	61·5	48·0
147·3	...	176·2	...	65·5	58·0	75·0	13·5
...	...	158·3	...	120·2	...	68·6	39·2

* On a stand, 4·1 feet high.
† Mean of 26 days.
‡ Mean of 30 days.
§ „ „ 28 „
‖ On a stand, 3 feet 6 inches high.

5. SIMLA (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.			Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	107·8	30th	135·1	26th	53·3	61·6	93·6	22·7	116·7	29th	137·6	16th	106·9	69·2‡	99·0	50·8
February	111·9	23rd & 27th	131·5	10th	64·7	62·8	76·2	26·6	122·7	1st & 2nd	133·1	21st	111·1	71·9	85·9	59·4
March	130·4	22nd	139·3	13th	109·1	66·6	74·3	56·4	129·4	30th	137·1	5th & 27th	124·1	63·6	71·4	59·3
April	136·0	22nd	149·7	30th	125·3	64·3	72·1	55·4	136·4	23rd	144·5	1st	121·1	63·4	69·9	53·8
May	137·6	16th	149·3	3rd	116·5	60·6	65·9	54·8	135·2	16th	141·9	1st	117·6	58·4	66·0	50·4
June	135·2	25th	142·9	7th	114·9	58·8	64·8	53·0	135·8	19th & 22nd	147·9	7th	120·6	59·3	66·1	50·8
July	121·7	3rd	143·1	19th	74·9	51·0	69·5	10·4	127·5	6th	148·9	13th	107·3	58·2	70·4	44·0
August	123·7	26th	147·3	6th	88·6	53·7	76·0	19·8	131·1	22nd	142·5	6th	116·1	60·9	70·3	47·6
September	127·9	16th	147·3	3rd	91·5	59·0	74·0	27·8	131·7	24th	141·9	20th	115·1	64·4	78·2	56·2
October	128·2	20th	138·5	28th	76·6	62·1	70·8	15·1	127·1	15th	136·7	23rd	120·5	61·8	72·6	56·6
November	106·9	1st	131·6	30th	54·1	48·9	67·2	6·1	121·4	19th	129·1	8th & 10th	115·1	64·8	78·4	55·8
December	Imperfect.								119·7	1st	128·1	30th	112·1	63·5	79·9	53·8
Year									127·9	...	148·9	...	106·9	63·3	99·0	44·0
Means of extremes	...	...	...	...	...	...	...	...	...	...	139·1	...	115·6	...	75·7	53·2

* On a stand, 4 feet high.

6. CHAKRATA (*corrected*).†

† On a stand, 2 feet 10½ inches high. ‡ Mean of 30 days.

7. DEHRA (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.			Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	112·5	10th	126·7	26th	57·2	49·7	60·7	4·6	119·2	10th & 13th	130·8	22nd	74·8	52·0	64·5	15·5
February	122·6	28th	132·5	10th	89·7	54·3†	60·0	33·3	131·0	19th	145·8	20th	86·3	59·2	70·0	22·5
March	134·1	31st	146·9	12th	79·8	50·9§	60·2	11·1	144·3	23rd	157·8	12th	97·3	56·1	64·2	21·5
April	146·4†	17th	153·5	1st	110·6	53·6†	59·7	30·9	156·5	17th	166·3	1st	133·8	57·1	64·2	42·2
May	147·8	16th	155·5	1st	128·1	51·3	56·3	46·6	158·6	16th & 22nd	166·3	1st	135·3	54·5	60·9	50·9
June	148·6	22nd	161·0	6th	135·1	51·0	59·1	44·3	158·1	19th	166·3	7th	146·3	53·4	60·7	47·7
July	131·7	31st	156·0	10th	89·6	47·6	69·1	12·3	146·2	23rd	163·8	28th	105·3	55·0	71·7	23·7
August	142·1	13th	155·4	6th	93·0	57·0	69·4	12·9	149·1	19th	164·8	23rd	106·8	58·0	72·1	23·7
September	134·7	4th	151·5	20th	78·0	51·0	66·9	6·3	140·3	5th	157·3	19th	83·8	51·6	67·2	11·5
October	134·6	1st	142·1	4th	95·4	52·7	58·0	23·7	142·5	12th	147·3	28th	101·3	55·8	68·0	33·5
November	124·5	11th	135·9	25th	75·5	49·7	59·8	8·9	133·2	11th	149·3	25th	87·3	54·8	68·2	22·0
December	121·1	27th	126·0	21st	110·8	50·7	56·7	43·7	127·6§	21st	135·3	17th	123·3	56·7§	62·5	53·0
Year	133·4	...	161·0	...	57·2	51·6	69·4	4·6	142·2	...	166·3	...	74·8	55·4	72·1	11·5
Means of extremes	...	...	145·3	...	95·2	...	61·3	23·2	...	...	154·3	...	106·8	...	66·2	30·6

* On a board, about 4 feet high.
† Mean of 29 days.

‡ Mean of 27 days.
§ ,, ,, 30 ,,

8. ROORKEE (*corrected*).‖

‖ On a stand, 3 feet 6 inches high.

9. RANIKHET (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	111·6	29th	129·3	22nd & 25th	63·3	59·8	86·9	18·4
February	124·8	28th	138·8	10th	108·3	69·2	74·6	55·0
March	135·1	11th	151·3	7th	117·3	66·5	84·0	54·1
April	142·7	24th	152·3	1st	122·3	66·3	75·8	49·8
May	141·6	22nd	147·8	1st	106·3	62·9	71·3	43·1
June	142·5	14th	149·3	2nd & 8th	133·3	62·0	68·3	54·2
July	134·8	27th	153·3	13th	100·3	61·8	78·3	33·2
August	136·8	10th & 27th	154·3	7th	86·3	63·7	80·3	17·7
September	137·1	9th	155·3	18th	87·3	66·3	81·6	26·1
October	135·9	2nd	150·3	4th	117·3	66·6	77·8	46·3
November	128·2	3rd	138·8	29th	115·3	67·0	75·1	60·2
December	123·4	20th	132·3	1st	103·3	64·0	71·5	49·2
Year	132·9	...	155·3	...	63·3	64·7	86·9	17·7
Means of extremes	...	...	146·1	...	105·1	...	77·1	42·3

* On a stand, 3 feet 9 inches high.

10. LUCKNOW (*corrected*).†

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	127·2	1st	147·7	23rd	85·7	56·5	75·9	25·5
February	135·7	20th & 21st	142·7	25th	121·4	57·5	66·6	42·5
March	148·8	31st	159·7	3rd	136·7	55·9	68·5	45·4
April	160·0	20th	167·7	4th	154·7	56·2	62·4	51·9
May	162·5	4th, 15th & 21st.	168·7	1st	148·2	55·8	64·9	45·9
June	157·9	13th	168·7	1st	143·7	52·9	60·1	42·4
July	142·8	15th & 16th	160·7	4th	100·7	52·8	67·9	10·4
August	143·2	6th & 10th	158·7	12th	103·7	53·5	66·4	15·4
September	146·9	20th	165·7	2nd	107·7	57·4	75·4	22·4
October	146·4	25th	155·2	4th & 31st	240·7	54·6	63·2	50·4
November	138·7	6th & 7th	147·7	29th	127·7	55·2	61·4	50·4
December	128·0	6th & 9th	130·7	22nd, 25th, 26th, 29th & 30th.	125·7	53·1	57·1	49·5
Year	144·8	...	168·7	...	85·7	55·2	75·9	10·4
Means of extremes	...	...	156·2	...	124·7	...	65·8	37·7

† On a stand, 3 feet high.

11. ALLAHABAD (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	127·8	15th	141·2	22nd	66·8	57·7	68·7	10·2
February	139·6	22nd & 24th	149·6	25th	115·2	60·5	68·3	40·9
March	154·4	31st	164·2	1st	146·7	59·3	65·5	55·2
April	163·9	19th	175·0	9th	150·7	58·9	66·7	51·9
May	166·4†	13th	177·2	31st	159·2	58·2†	65·8	54·0
June	163·6	6th	173·2	27th	140·0	57·2	67·6	34·0
July	146·0†	1st	163·9	24th	113·8	56·1†	70·4	29·9
August	146·3	10th	162·8	30th	111·0	58·1	71·6	28·8
September	148·0	15th	159·6	8th	122·8	57·9	67·0	41·7
October	148·6	29th	153·4	5th, 6th & 25th.	145·4	56·2	62·2	54·4
November	143·0	10th	156·6	27th	123·0	59·2	73·4	46·8
December	134·3	28th	137·3	18th & 27th	131·0	58·5	61·1	56·3
Year	148·5	...	177·2	...	66·8	58·1	73·4	10·2
Means of extremes	...	...	159·5	...	127·1	...	67·4	42·0

12. GHAZIPUR (*corrected*).‡

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	122·4	27th	134·8	22nd	67·2	54·5	70·9	10·4
February	135·3	25th	145·7	8th	111·6	58·2	66·7	44·1
March	150·1†	26th	158·2	2nd	142·2	57·9†	64·5	53·7
April	157·3	20th	162·0	27th	150·0	56·0	63·5	53·3
May	158·0	13th	164·6	29th	137·8	53·6	60·2	42·9
June	153·3	17th	165·1	30th	108·7	51·2§	61·9	26·0
July	142·6	8th	158·0	9th	89·5	54·1	75·0	2·9
August	148·3†	29th	158·1	28th	99·5	59·3†	72·3	19·3
September	148·0	24th	159·6	9th	121·5	59·6	70·4	35·7
October	144·7	28th	165·6	25th	113·7	56·7	77·0	32·0
November	138·6	9th	149·6	30th	128·3	58·4	70·9	52·5
December	129·0	6th	142·5	27th	124·6	57·2	70·7	52·5
Year	144·0	...	165·6	...	67·2	56·4	77·0	2·9
Means of extremes	...	...	155·3	...	116·2	...	68·7	35·4

* On a stand, 3 feet 9 inches high. † Mean of 30 days. ‡ On a stand, 4½ feet high. § Mean of 29 days.

TABLE I.—EQUILIBRIUM TEMPERATURES OF SOLAR RADIATION IN 1888.

13. SILCHAR (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	124·4	5th	135·7	28th	87·3	47·7	55·7	22·9
February	129·6	29th	138·1	10th	104·1	49·8	59·1	37·3
March	132·8	12th	143·3	16th	91·1	47·0	58·0	21·7
April	132·9	2nd	144·1	19th	91·0	48·1	60·7	15·4
May	134·9	13th	148·3	1st	85·1	48·0	59·9	12·8
June	134·6	4th	147·9	27th	97·1	46·2	56·7	18·2
July	145·2	9th	153·3	28th	105·1	54·6	62·3	22·7
August	144·0	19th	153·0	4th	127·1	53·8	61·2	35·4
September	143·8	20th	153·2	28th	129·2	53·6	64·7	34·4
October	138·9	13th	149·3	7th	92·5	48·7	60·0	15·1
November	133·7	1st	142·6	14th	87·9	49·1	56·9	16·5
December	130·3	15th	141·6	31st	122·1	49·5	58·7	45·7
Year	135·4	...	153·3	...	85·1	49·7	64·7	12·8
Means of extremes	...	...	145·9	...	101·6	...	59·5	24·8

* On a stand, 4 feet above ground.

14. CALCUTTA (ALIPORE) (*corrected*).†

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	123·7	24th	133·1	23rd	81·6	49·7	59·0	16·6
February	136·0	29th	148·5	9th	118·0	55·0	59·4	43·3
March	146·5	23rd	151·9	8th	141·9	55·1	59·6	49·7
April	151·1	22nd	156·4	25th	137·8	56·5	63·5	50·7
May	152·0	15th	159·8	29th	141·7	58·1	65·8	52·1
June	150·4‡	15th	165·4	28th	121·4	54·0‡	64·1	36·1
July	142·7	1st	158·5	30th	98·0	54·8	70·6	16·6
August	141·2§	3rd	156·5	24th	94·5	54·6§	67·4	15·7
September	143·6	21st	159·0	18th	88·0	55·9	70·2	6·8
October	143·5	2nd	153·7	6th	134·4	56·4	63·2	49·4
November	134·6	9th	148·5	6th	111·7	53·7	63·4	31·2
December	126·9	7th	134·9	17th	123·5	51·9	56·8	47·1
Year	141·0	...	165·4	...	81·6	54·6	70·6	6·8
Means of extremes	...	...	151·5	...	116·0	...	63·6	34·6

† On a stand, 4 feet high.

‡ Mean of 29 days.
§ „ „ 30 „

15. DHUBRI (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	122·3	27th	134·1	3rd	104·5	48·6	62·8	33·6
February	130·7	28th	139·8	10th	120·8	51·9	61·3	47·0
March	137·2	22nd	147·4	11th	107·2	52·0	62·3	33·8
April	138·4	8th	153·1	30th	95·6	51·4	63·5	21·5
May	145·6†	17th	159·1	29th	125·4	59·8†	73·4	48·9
June	141·5	29th	157·4	25th	100·2	55·4	74·7	21·7
July	151·5	16th	164·8	26th	134·8	65·6	73·9	50·0
August	149·1†	11th	159·2	12th	121·8	61·7†	71·0	40·5
September	145·6	7th	161·4	1st	121·0	58·2	72·9	37·3
October	141·5	6th	149·1	26th	135·9	55·2	64·1	49·5
November	132·1‡	3rd	143·0	29th	114·9	51·9‡	59·0	40·5
December	123·7	2nd	129·1	7th	111·6	48·4	54·5	40·6
Year	138·3	...	164·8	...*	95·6	55·0	74·7	21·5
Means of extremes	...	...	149·8	...	116·1	...	66·1	38·7

* On a stand, 4 feet high.

† Mean of 30 days.
‡ „ „ 29 „

16. NAGPUR (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	132·0	23rd	144·1	1st	94·4	53·6	65·1	20·2
February	143·9	14th	150·9	11th	138·9	55·8	61·5	51·4
March	154·9	17th	165·4	7th	122·7	55·9	66·2	44·5
April	161·9	16th	168·9	5th	156·8	54·0	59·3	50·9
May	163·4†	21st	171·2	15th	158·1	55·3†	65·7	50·7
June	156·0	3rd	173·4	14th	132·9	56·8	66·1	44·5
July	140·7	1st	156·5	10th	98·9	53·4	64·3	19·5
August	142·5	3rd	154·9	9th	109·8	55·8	66·7	28·6
September	150·5	28th	161·4	17th	106·9	59·5	69·0	27·7
October	150·4	1st	163·5	27th	140·6	58·7	69·1	52·4
November	141·0	10th	152·9	5th	120·1	56·2	65·2	37·4
December	136·7	1st	141·9	3rd	134·1	55·6	61·0	53·1
Year	147·8	...	173·4	...	94·4	55·9	69·1	19·5
Means of extremes	...	...	158·8	...	126·2	...	64·9	40·1

* On a stand, 4 feet high.

† Mean of 30 days.
‡ „ „ 29 „

17. PACHMARHI (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, sun and shade. Mean.	Difference, sun and shade. Maximum.	Difference, sun and shade. Minimum.
January	124·0	31st	132·4	28th	109·6	57·0	63·3	45·8
February	132·4†	23rd	141·8	22nd	100·4	58·0†	65·0	29·5
March	143·3	5th & 30th	149·6	7th	136·2	59·0	66·1	55·1
April	148·4	18th	152·4	19th	142·1	55·5	59·2	52·7
May	148·7	23rd	154·6	14th	139·8	54·5	61·4	50·6
June	147·7	27th	160·1	14th	123·6	58·8	74·9	43·9
July	126·0	1st	151·4	18th	101·6	50·9	68·9	28·6
August	126·1	23rd	142·1	11th	111·6	52·9	65·4	40·7
September	136·5	24th	151·0	14th	101·6	58·5	70·5	28·8
October	141·8	14th & 28th	149·6	25th	124·6	62·4	71·4	50·3
November	137·7	11th	150·1	30th	129·6	63·4	72·5	57·3
December	132·2	22nd	137·6	9th & 17th	127·6	61·5	65·4	56·8
Year	137·1	...	160·1	...	100·4	57·7	74·9	28·6
Means of extremes	...	...	147·7	...	120·7	...	67·0	45·0

* On a stand, 3 feet high.
† Mean of 28 days.

18. JEYPORE (*corrected*).‡

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, sun and shade. Mean.	Difference, sun and shade. Maximum.	Difference, sun and shade. Minimum.
January	120·9	27th	133·5	16th	67·7	51·1	70·0	10·4
February	136·3	20th	148·2	3rd	120·4	60·0	67·2	51·5
March	151·6	24th	164·8	7th	143·1	58·4	72·7	54·3
April	159·4	21st	170·0	24th	148·9	58·2	65·0	52·4
May	164·5	25th	174·0	4th & 5th	155·4	57·8	63·8	52·2
June	161·7	28th	171·2	1st	153·2	56·0	69·0	49·2
July	150·1	3rd	165·2	12th	96·2	56·2	67·3	10·7
August	143·2	9th	159·0	14th	96·8	56·3	67·8	17·2
September	148·3	9th	159·4	19th	96·0	54·4	64·9	17·8
October	145·6	1st	157·9	23rd	121·0	54·5	74·0	35·9
November	135·2§	9th	148·2	11th	111·9	52·5§	63·3	35·0
December	130·6	21st	137·9	1st	127·0	52·3	59·5	49·6
Year	145·6	...	174·0	...	67·7	55·6	74·0	10·4
Means of extremes	...	...	157·4	...	119·8	...	67·0	36·4

‡ On a stand, 4 feet high.
§ Mean of 29 days.

19. MOUNT ABU (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, sun and shade. Mean.	Difference, sun and shade. Maximum.	Difference, sun and shade. Minimum.
January	118·2	5th	126·7	30th	64·8	55·4	64·8	12·3
February	123·1	12th	140·4	4th	104·7	57·2	74·7	43·6
March	136·9	22nd	152·8	13th	128·3	58·2	69·0	53·6
April	140·7	7th	147·7	13th	134·7	56·7	66·9	52·1
May	142·6	12th	151·1	4th	134·3	54·9	62·2	51·3
June	139·4	8th	149·7	17th	131·8	55·1	63·6	50·6
July	118·9	10th	138·8	27th	89·5	44·6	60·6	22·8
August	114·8	8th & 19th	137·1	25th	80·8	44·7	64·0	13·9
September	133·7	16th	146·5	6th	119·5	57·0	67·3	46·3
October	134·9	13th	145·8	24th	99·5	56·1	64·8	24·9
November	124·6	5th	138·5	10th	83·3	53·7	62·4	21·2
December	124·0	20th	133·1	28th & 29th	118·3	54·8	59·0	51·7
Year	129·3	...	152·8	...	64·8	54·3	74·7	12·3
Means of extremes	..	...	142·4	...	107·5	...	64·9	37·0

20. DEESA (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, sun and shade. Mean.	Difference, sun and shade. Maximum.	Difference, sun and shade. Minimum.
January	133·0	4th	143·9	30th	84·3	52·9	59·9	23·1
February	141·1	13th	154·0	11th	123·2	57·5	67·3	48·1
March	154·1	22nd	163·4	7th	145·0	56·1	60·7	51·7
April	159·6	15th	164·7	12th	154·1	55·7	62·1	51·7
May	160·5	12th	171·9	18th	153·2	53·4	60·4	49·4
June	158·7	25th	164·0	18th	150·9	54·9	62·5	50·3
July	148·0	4th	161·2	20th	125·1	54·6	69·4	38·5
August	141·6	6th	161·1	20th	89·0	52·5	66·4	42·3
September	152·9	5th	160·2	20th	146·0	56·9	65·9	50·9
October	152·6	25th	163·3	24th	114·0	54·9	65·8	24·6
November	138·0	8th	153·0	10th	91·1	49·7	59·3	17·0
December	139·4	21st	149·0	29th	135·7	52·2	60·6	49·7
Year	148·3	...	171·9	...	84·3	54·3	69·4	12·3
Means of extremes	...	...	159·1	...	126·0	...	63·4	38·9

* On a stand, 4 feet high.

21. BOMBAY (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	130·9	7th	139·4	3rd	88·0	49·8	58·1	9·4
February	139·0	28th	143·1	11th	136·1	55·9	58·9	52·8
March	141·2	21st	149·8	5th & 15th	137·8	54·4	57·8	52·2
April	145·0	18th	150·0	4th	142·0	56·1	61·2	52·3
May	147·8	27th	154·7	9th	144·0	57·8	63·4	54·1
June	139·6	2nd	153·8	29th	98·0	52·2	61·5	16·5
July	128·2	12th	146·8	14th	95·7	43·6	59·3	15·4
August	133·6	29th	143·4	2nd	100·8	50·1	59·0	20·8
September	143·2	6th	149·1	1st	127·6	57·4	63·6	42·8
October	144·5	15th	149·2	6th	140·1	54·5	59·4	51·3
November	141·0	2nd	149·4	29th	136·4	52·8	56·8	47·7
December	139·2	18th	141·4	7th	135·4	53·2	56·5	51·0
Year	139·4	...	154·7	...	88·0	53·2	63·6	9·4
Means of extremes	...	...	147·5	...	123·5	...	59·6	38·9

22. POONA (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	133·5†	26th	143·9	3rd	97·1	51·4†	60·6	28·0
February	146·5	29th	157·6	12th	139·6	55·5	61·4	51·7
March	153·3	3rd	162·8	15th	146·3	55·3	65·8	51·1
April	156·6	15th & 17th	163·0	24th	149·3	53·6	58·0	49·8
May	151·2	26th	159·8	20th	144·3	51·2	58·6	46·8
June	147·4	27th	158·1	30th	105·1	55·2	65·7	28·6
July	128·5	19th	146·9	20th	96·8	47·1	63·0	21·6
August	136·3	30th	149·8	11th	123·7	55·2	65·7	44·5
September	147·5	10th	159·8	17th	127·6	61·1	69·3	48·6
October	148·0	26th	159·8	4th	127·1	58·4	71·5	48·4
November	142·7	2nd	150·8	4th	115·8	56·2	64·0	33·3
December	140·3	6th	145·1	12th	136·9	55·3	60·2	52·1
Year	144·3	...	163·0	...	96·8	54·6	71·5	21·6
Means of extremes	...	...	154·8	...	125·8	...	63·7	42·0

* On a stand, 4 feet high. † Mean of 23 days.

23. VIZAGAPATAM.* (*a*)

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	112·4	25th	120·5	11th & 26th	107·0	33·3	40·5	26·7
February	109·6	27th & 28th	116·0	9th	101·0	25·9	30·5	18·5
March	110·2	22nd	115·4	17th	104·0	23·6	29·8	19·2
April	111·6	21st	120·5	6th	107·0	21·7	29·5	16·8
May	112·0†	18th	121·0	25th	102·0	20·7†	27·4	12·2
June	115·4‡	9th	130·0	23rd	101·0	22·1‡	39·5	10·2
July	108·8§	28th	124·0	6th	90·0	19·4§	30·9	1·1
August	111·9¶	14th	132·0	6th	98·5	22·2¶	41·7	11·7
September	114·4†	6th	121·0	14th	107·0	25·4†	32·5	19·0
October	113·6‖	4th	122·0	5th	105·0	25·9‖	33·0	17·2
November	106·5**	12th	114·0	27th	91·0	24·5**	29·5	9·5
December	104·7	4th	115·0	12th	92·5	26·7	35·3	17·5
Year	110·9	...	132·0	...	90·0	24·3	41·7	1·1
Means of extremes	...	...	121·0	...	100·5	...	33·3	15·0

24. MADRAS.

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	140·1	20th	147·2	6th	124·4	55·9	63·0	42·8
February	141·8	24th	147·2	12th	137·3	55·7	60·3	52·1
March	143·1	7th	149·3	22nd	139·2	54·1	62·6	49·4
April	145·4	23rd	152·1	12th	138·9	52·9	58·9	47·6
May	143·4	31st	152·6	11th	99·7	48·8	55·9	17·9
June	145·7	13th	153·8	25th	118·1	46·7	55·9	27·8
July	141·4	6th	151·3	2nd	116·7	45·9	53·3	24·9
August	138·9	22nd	147·4	16th	115·5	46·1	54·3	28·4
September	147·2	10th	154·3	21st	134·0	52·9	59·8	43·0
October	134·4	2nd	151·5	31st	75·9	45·8	58·1	—3·0
November	139·1	10th	152·2	24th	86·5	53·0	63·5	10·5
December	136·3	10th	144·9	4th	83·1	53·5	63·5	4·0
Year	141·4	...	154·3	...	75·9	50·9	63·5	—3·0
Means of extremes	...	...	150·3	...	114·1	...	59·1	28·8

* On a stand, 1 foot high.
† Mean of 29 days.
‡ Mean of 28 days.
§ ,, ,, 21 ,,
‖ Mean of 27 days.
¶ ,, ,, 22 ,,
** Mean of 26 days.
(*a*) The instrument is not in vacuo.

25. WELLINGTON (*corrected*).

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	127·6	28th	136·8	2nd	97·1	62·2	70·6	37·7
February	132·0	18th	140·9	2nd	128·4	61·2	67·5	56·8
March	132·4	9th	140·5	11th	102·3	58·4	69·9	36·7
April	133·7	27th	139·7	15th	114·8	57·0	63·1	47·1
May	131·5	6th	138·8	12th	107·6	58·0	65·0	43·9
June	127·3	15th	140·8	10th	109·1	53·9	66·1	38·5
July	125·2	24th	147·5	3rd	93·7	52·3	71·5	28·1
August	130·3	10th	144·2	11th	100·6	58·0	69·6	32·2
September	135·2	16th	145·8	21st	123·2	63·4	70·8	51·5
October	129·1	1st	139·8	26th	84·2	60·6	69·3	24·0
November	130·7	4th	144·6	27th	99·8	46·6	75·6	37·2
December	123·7	23rd	139·0	16th	80·8	57·2	71·4	21·8
Year	129·9	...	147·5	...	80·8	57·4	75·6	21·8
Means of extremes	...	...	141·5	...	103·5	...	69·2	38·0

26. COIMBATORE (*corrected*).

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	131·5	8th	137·1	21st	124·7	48·3	56·0	40·8
February	135·2	19th	142·6	1st	126·3	45·4	52·5	42·1
March	142·8	30th	148·1	1st	136·7	46·4	52·0	42·6
April	146·8	12th	155·1	20th	139·9	49·4	57·1	43·1
May	142·3	9th	150·9	19th	125·9	47·9	58·4	33·7
June	141·6	14th	149·9	16th	132·9	53·3	59·2	44·1
July	138·3	23rd	146·9	8th	104·3	52·2	63·9	24·7
August	141·8	25th	153·7	16th	125·8	52·9	60·2	40·4
September	141·4	23rd	149·7	21st	134·1	50·5	57·6	43·8
October	134·5	8th	144·9	26th	115·3	45·5	53·2	33·9
November	129·1	23rd	140·3	27th	107·1	42·7	52·4	26·1
December	126·6	7th	136·1	4th	95·1	42·6	49·7	19·6
Year	137·7	...	155·1	...	95·1	48·1	63·9	19·6
Means of extremes	...	...	146·3	...	122·3	...	56·0	36·2

27. RANGOON (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, sun and shade.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	142·8	9th & 10th	148·7	16th & 20th	137·8	53·4	59·8	48·9
February	145·6	19th	153·4	11th	133·4	53·4	63·9	44·4
March	149·5	14th	157·6	1st	144·8	54·8	58·6	50·5
April	156·1	21st	161·2	30th	142·4	55·2	61·1	49·1
May	152·7	7th	162·6	5th	138·1	58·7	66·1	45·2
June	138·3	23rd	151·0	3rd	99·0	52·2	62·5	17·2
July	128·3	31st	149·0	3rd	81·8	44·7	64·4	4·4
August	126·6	1st	151·2	28th	91·6	43·4	68·8	13·0
September	143·8	3rd	162·2	14th	89·4	57·8	76·9	11·3
October	145·0	19th	155·6	3rd	106·3	58·0	65·5	25·9
November	144·6	30th	156·4	16th	95·3	56·7	67·6	17·2
December	154·2	28th	166·5	30th	142·6	66·7	81·8	57·9
Year	144·0	...	166·5	...	81·8	54·6	81·8	4·4
Means of extremes	...	...	156·3	...	116·9	...	66·4	32·1

* On a stand, 3 feet 9 inches high.

TABLE II.—DURATION OF BRIGHT SUNSHINE IN 1888. (6 STATIONS).

Month.	1. LAHORE.			2. DEHRA.			3. ALLAHABAD.		
	Total hours of bright sunshine.	Total hours of sun above horizon.	Percentage ratio of actual to possible sunshine.	Total hours of bright sunshine.	Total hours of sun above horizon.	Percentage ratio of actual to possible sunshine.	Total hours of bright sunshine.	Total hours of sun above horizon.	Percentage ratio of actual to possible sunshine.
January	210	318	66	169	321	53	224	329	68
February	184	307	60	173	308	56	266	312	85
March	265	368	72	239	368	65	281	368	76
April	272	385	71	202	383	53	260	379	69
May	262	422	62	216	419	52	261	410	64
June	141	419	34	121	416	29	183	407	45
July	156	428	36	65	424	15	107	416	26
August	232	407	57	126	405	31	132	400	33
September	318	367	87	180	366	49	202	366	55
October	284	350	81	245	351	70	333	354	94
November	268	313	86	196	316	62	273	324	84
December	254	311	82	217	315	69	298	324	92
Year	2,846	4,395	65	2,149	4,392	49	2,820	4,389	64

Month.	4. CALCUTTA (ALIPORE).			5. JEYPORE.			6. BOMBAY.		
	Total hours of bright sunshine.	Total hours of sun above horizon.	Percentage ratio of actual to possible sunshine.	Total hours of bright sunshine.	Total hours of sun above horizon.	Percentage ratio of actual to possible sunshine.	Total hours of bright sunshine.	Total hours of sun above horizon.	Percentage ratio of actual to possible sunshine.
January	216	337	64	221	326	68	272	Not recorded.	...
February	274	318	86	236	311	76	300	Ditto.	...
March	273	371	74	283	368	77	304	Ditto.	...
April	242	379	64	270	380	71	301	Ditto.	...
May	247	408	61	279	412	68	308	Ditto.	...
June	141	403	35	234	408	57	163	Ditto.	...
July	89	413	22	103	418	25	43	Ditto.	...
August	97	398	24	91	401	23	40	Imperfect.	...
September	160	367	44	246	365	67	185	364	51
October	257	359	72	250	352	71	287	359	80
November	210	331	63	276	321	86	247	334	74
December	281	333	84	291	320	91	290	338	86
Year	2,487	4,417	56	2,780	4,382	63	2,740	...	...

TABLE III.—TEMPERATURES OF NOCTURNAL RADIATION IN 1888. (24 STATIONS).

1. ADEN (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, shade and radiation. Mean.	Difference, shade and radiation. Maximum.	Difference, shade and radiation. Minimum.
January	68·0†	19th	71·7	3rd & 23rd	61·8	3·2†	7·0	1·3
February	71·1‡	8th	74·9	16th	64·0	2·0‡	5·9	0
March	69·0	28th	75·6	7th	60·4	3·8	9·5	0
April	76·3†	23rd	78·6	1st & 2nd	72·5	2·4†	4·7	1·2
May	77·2	26th	83·4	17th	70·3	3·7	6·7	0·8
June	80·3†	4th	83·6	18th	76·9	3·0†	5·9	0
July	80·4§	19th	84·8	14th	77·5	2·2§	8·1	—2·2
August	80·5	14th	83·6	3rd	76·3	2·2	5·6	0
September	79·3†	5th	83·5	18th & 28th	76·3	3·3†	7·7	0·3
October	72·6	11th	79·3	30th	64·4	3·2	8·5	0·1
November	71·9	5th	76·7	12th	65·8	2·4	8·3	0·2
December	68·8†	22nd	75·5	28th	62·5	3·4†	7·7	0
Year	74·6	...	84·8	...	60·4	2·9	9·5	—2·2
Means of extremes	...	...	79·3	...	69·1	...	7·1	0·1

* On a woollen pad, 6 inches above ground.
† Mean of 29 days.
‡ ,, ,, 26 ,,
§ Mean of 28 days.

2. LEH (*corrected*).‖

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, shade and radiation. Mean.	Difference, shade and radiation. Maximum.	Difference, shade and radiation. Minimum.
January	—3·8	12th	11·2	18th	—14·0	13·5	19·7	6·8
February	—0·9	3rd	14·2	16th	—13·8	11·3	18·2	4·4
March	11·2	10th	22·2	3rd	4·7	12·5	17·3	0·8
April	19·4	19th	31·5	9th	7·2	11·3	17·8	1·3
May	20·9	2nd	28·0	8th	9·2	13·5	17·9	4·3
June	25·0	30th	41·1	9th	14·6	16·0	25·4	6·3
July	36·2	20th	50·7	24th	20·2	14·2	25·6	3·3
August	33·0	21st	44·1	13th	20·1	15·7	28·9	5·9
September	19·4	2nd	32·4	12th	12·2	20·0	24·4	15·2
October	9·6	4th	25·6	30th & 31st	— 1·6	20·7	27·5	8·0
November	0·7	12th & 26th	14·6	28th	—15·8	20·8	26·2	4·3
December	—10·3	21st	12·4	3rd	—17·7	22·8	26·7	11·3
Year	13·4	...	50·7	...	—17·7	16·0	28·9	0·8
Means of extremes	...	...	27·3	...	2·1	...	23·0	6·0

‖ On a woollen pad, 3 inches above ground.

3. MURREE (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, shade and radiation. Mean.	Difference, shade and radiation. Maximum.	Difference, shade and radiation. Minimum.
January	20·9†	11th	32·6	29th	5·5	12·3†	31·3	—1·1
February	23·4‡	20th & 25th	31·4	14th	8·4	8·9‡	20·3	—0·9
March	Not recorded.							
April	45·7§	18th	59·8	5th & 8th	33·9	9·3§	14·1	1·1
May	52·9‖	22nd	63·0	5th	37·9	10·8‖	16·4	2·6
June	56·5¶	30th	66·2	9th	49·0	8·7¶	14·2	3·2
July	60·0§	10th	65·0	4th	52·0	3·6§	9·1	—0·2
August	57·7¶	3rd & 6th	64·0	31st	49·0	3·5¶	10·7	0·6
September	50·2**	15th	56·0	17th	42·0	9·8**	19·7	2·6
October	43·2‡	1st	53·2	30th	36·1	9·6‡	13·5	3·2
November	35·4‖	2nd	43·0	30th	20·2	9·2‖	13·9	2·6
December	27·9**	21st	45·0	2nd	20·3	11·9**	17·9	1·0
Year	...	...	...	...	...	...	...	...
Means of extremes	...	...	...	...	...	...	...	...

* On a woollen pad, 3 inches above ground.
† Mean of 29 days.
‡ Mean of 23 days.
§ ,, ,, 20 ,,
‖ Mean of 26 days.
¶ ,, ,, 22 ,,
** Mean of 28 days.

4. RAWALPINDI (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, shade and radiation. Mean.	Difference, shade and radiation. Maximum.	Difference, shade and radiation. Minimum.
January	Imperfect.							
February	34·5	26th	48·0	17th	23·4	7·3	11·2	2·0
March	44·4	20th	54·7	16th	33·9	8·3	16·6	3·1
April	50·2†	22nd	66·9	8th	36·4	9·7‖	15·5	3·8
May	60·5	17th	78·0	2nd	42·9	8·9	13·5	1·7
June	67·3	30th	81·2	15th	54·9	7·4	11·6	3·4
July	75·1	10th	86·9	2nd	67·4	4·2	7·4	0·3
August	72·8	16th	81·6	23rd	65·7	3·7	8·8	0
September	62·8	10th	69·9	28th	55·1	6·8	9·3	4·4
October	48·5	1st	71·9	31st	38·4	8·7	21·4	1·3
November	39·9	22nd	54·4	30th	26·0	7·9	12·9	1·1
December	26·6	21st	43·9	2nd, 28th & 31st.	19·9	10·4	22·1	4·4
Year	...	...	...	...	...	...	...	...
Means of extremes	...	...	...	...	...	...	...	...

* On a woollen pad, 3 inches above ground.
† Mean of 29 days.
‡ Mean of 23 days.
§ ,, ,, 20 ,,
‖ Mean of 26 days.
¶ ,, ,, 22 ,,
** Mean of 28 days.

5. LAHORE (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	29·2	25th	44·9	7th	19·8	8·2	12·4	2·2
February	37·5	3rd	47·8	18th	28·0	6·7	10·2	1·0
March	49·2	11th	58·5	18th	40·4	7·5	11·4	1·0
April	56·7	23rd	74·4	9th	41·7	8·5	11·4	3·5
May	66·1	30th	86·5	6th	53·8	6·9	10·3	1·3
June	73·6	28th	85·0	16th	60·5	5·2	10·8	0·4
July	79·3	25th	87·5	2nd	69·6	1·8	4·8	0·2
August	77·5	17th	84·7	23rd	70·6	2·2	4·1	0·3
September	65·6	1st	75·1	29th	59·9	6·1	8·2	1·8
October	52·0	2nd	63·7	29th	41·9	7·3	9·1	4·3
November	41·1	1st & 21st	49·8	30th	27·8	8·1	9·7	5·2
December	31·1	21st	47·8	28th	22·8	8·6	11·4	4·2
Year	54·9	...	87·5	...	19·8	6·4	12·4	0·2
Means of extremes	...	...	67·1	...	44·7	...	9·5	2·1

* On a woollen pad, 3 inches above ground.

6. CHAKRATA (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	22·8†	25th	31·0	30th	15·0	10·8†	20·9	—0·4
February	28·8	29th	36·2	10th	17·0	6·7	11·5	0·7
March	38·3	23rd	46·7	17th	29·0	9·2	16·4	2·8
April	44·0	12th	52·1	9th	33·3	10·1	17·5	2·7
May	49·0	23rd	61·2	4th & 5th	35·2	8·0	14·2	0·3
June	52·1	27th	60·7	9th	44·6	7·6	11·7	1·0
July	57·9	17th	61·7	3rd	49·3	2·8	9·0	0·9
August	55·9	15th	61·2	18th	50·9	3·8	7·6	1·4
September	50·1	2nd	55·8	29th	41·5	6·2	13·0	1·3
October	37·6	4th	44·8	30th	31·8	12·8	20·5	3·2
November	31·1	19th	36·2	30th	24·0	12·0	16·2	1·4
December	27·1	19th	37·3	10th & 11th	21·0	14·5	22·6	6·3
Year	41·2	...	61·7*	...	15·0	8·7	22·6	—0·4
Means of extremes	...	...	48·7	...	32·7	...	15·1	1·8

† Mean of 30 days.

7. DEHRA.*

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	35·8	16th	45·4	29th	29·8	6·3	8·2	2·0
February	40·9†	3rd	49·5	15th & 18th	34·4	5·9†	11·1	2·6
March	50·6	12th	59·7	17th	45·6	7·0	8·4	3·6
April	57·4	23rd	68·8	9th	44·4	7·3	12·2	3·7
May	63·8	24th	75·0	5th	53·5	6·5	8·8	0·4
June	69·2	27th	83·9	8th	61·3	4·8	7·8	1·2
July	71·3	7th	74·7	1st & 3rd	67·7	2·3	4·9	1·2
August	70·6	10th	74·9	28th	65·7	2·4	3·8	0·8
September	66·0‡	1st	69·2	25th	59·9	3·7‡	9·6	1·2
October	52·7	4th	63·7	30th	45·4	6·6	8·6	2·1
November	46·1	11th	51·5	30th	37·5	7·1	8·7	3·2
December	37·6	21st	48·3	31st	33·2	7·4	11·2	4·2
Year	55·2	...	84·9	...	29·8	5·6	12·2	0·4
Means of extremes	...	...	63·8	...	48·2	...	8·6	2·2

* On forked sticks above grass.
† Mean of 28 days.
‡ ,, ,, 29 ,,

8. ROORKEE (*corrected*).§

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	33·7	23rd	49·2	6th & 7th	25·7	7·8	12·3	1·6
February	41·8	26th	54·2	18th	30·2	6·6‖	9·8	2·2
March	48·7	12th	61·6	18th	40·2	8·3	11·1	4·5
April	56·3	23rd	70·6	9th	42·2	10·5	14·6	7·0
May	66·9	24th	84·4	8th	55·2	7·8	11·0	3·6
June				Imperfect.				
July	76·7¶	25th	81·0	8th	72·0	1·5¶	3·4	—1·5
August	76·0	15th	80·0	17th	73·0	1·2	3·5	—0·5
September	70·5	5th	75·0	30th	65·0	2·7	4·6	—1·8
October	54·7	1st, 2nd & 4th.	65·0	31st	45·0	6·4	8·4	3·2
November	46·5	25th	51·5	19th & 30th	39·0	7·0	8·7	4·3
December	36·8	21st	46·0	29th	30·1	6·9	8·4	3·8
Year	...	...	...	...	...	...	...	...
Means of extremes	...	...	...	...	...	...	...	...

§ On a woollen pad about 2 inches above ground.
‖ Mean of 28 days.
¶ ,, ,, 24 ,,

9. RANIKHET (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, shade and radiation. Mean.	Maximum.	Minimum.
January		Not recorded.						
February	22·9	26th	32·5	18th	17·0	17·4	23·5	6·0
March	33·2	24th	43·9	16th, 18th & 19th.	28·0	18·3	27·0	6·5
April	38·2	28th	51·9	5th & 9th	27·0	20·2	26·1	8·6
May	42·1	24th	53·9	5th	31·5	17·0	25·6	7·4
June	48·7	26th	60·4	11th	39·9	15·3	22·6	7·2
July	54·4	18th & 25th	58·9	3rd	47·9	8·4	13·6	1·6
August	52·8	5th	57·9	27th	46·9	9·3	14·1	6·1
September	46·9	1st	53·9	30th	39·4	12·0	18·1	4·9
October	33·6	3rd	41·9	30th	26·5	20·0	24·5	12·6
November	26·9	12th	35·0	30th	21·0	18·8	26·2	9·0
December	23·2	22nd & 27th	28·0	1st, 11th & 13th.	20·0	20·0	25·0	15·5
Year	...	...	...	...	...	...	...	...
Means of extremes	...	...	...	...	...	...	...	...

10. LUCKNOW (*corrected*).*

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, shade and radiation. Mean.	Maximum.	Minimum.
January	37·6	17th	52·0	12th	27·0	7·1	13·0	1·0
February	45·4	8th & 25th	54·0	12th & 19th	37·0	7·3	12·9	2·0
March	50·8	24th	63·0	1st & 2nd	42·0	13·3	15·9	2·9
April	61·1	21st & 29th	73·0	6th	50·0	11·5	19·8	2·8
May	71·7†	26th	83·1	5th to 7th	57·0	4·6†	11·9	0·7
June	79·0	26th	92·1	1st	68·0	3·4	8·8	0·6
July	77·7	18th	81·1	25th & 30th	74·1	1·2	2·7	0·2
August	76·5	12th	79·6	28th	73·0	1·6	3·7	0·2
September	73·2	5th	77·6	24th	67·0	2·6	6·8	0·2
October	58·5†	4th	69·0	19th	51·0	5·9†	8·9	0·4
November	47·7	12th	59·0	30th	37·0	6·8	9·0	0·9
December	36·4	25th	43·0	30th	32·0	7·2	10·0	1·0
Year	59·6	...	92·1	...	27·0	5·9	19·8	0·2
Means of extremes	...	...	68·9	...	51·3	...	10·1	1·1

* On a woollen pad, 3 inches above ground. † Mean of 30 days.

11. ALLAHABAD (*corrected*).*

Month.	Mean.	Maximum. Day	Maximum. °	Minimum. Day.	Minimum. °	Difference, shade and radiation. Mean.	Maximum.	Minimum.
January	35·6	23rd	50·9	12th	24·8	10·1	13·9	2·0
February	43·2	21st	55·6	19th	34·9	9·8	13·9	6·1
March	52·1	24th	62·1	2nd	37·8	11·6	15·4	4·9
April	63·2†	30th	78·8	6th	51·7	10·4†	13·8	2·8
May	70·8	28th	82·2	9th	55·9	8·5	15·1	0·3
June	78·6	25th	88·7	10th	68·8	6·2	10·7	0
July	76·9	24th	79·3	2nd	74·3	1·5	3·8	0
August	76·4	8th	79·6	31st	73·0	1·3	3·5	0
September	72·5	18th	76·6	29th	64·0	3·5	9·0	0·3
October	56·0	4th	66·6	31st	42·2	10·0	14·5	5·9
November	45·1	7th	56·6	30th	31·1	11·6	14·9	7·1
December	31·9	29th	39·2	13th	26·8	13·1‡	15·8	9·4
Year	58·5	...	88·7	...	24·8	8·1	15·8	0
Means of extremes	...	...	68·0	...	48·8	...	12·0	3·2

12. CALCUTTA (ALIPORE) (*corrected*).§

Month.	Mean.	Maximum. Day.	Maximum. °	Minimum. Day.	Minimum. °	Difference, shade and radiation. Mean.	Maximum.	Minimum.
January	45·6	28th	57·5	21st	36·4	9·5	13·3	1·7
February	51·4	14th	60·3	1st	42·1	8·4	11·6	2·1
March	63·7	26th	72·7	1st	48·1	6·6	11·9	2·5
April	71·1	21st	77·5	9th	63·7	4·9	9·0	0·6
May	74·3	15th	80·7	8th	68·4	3·4	6·9	0·9
June	77·0	15th	81·8	3rd	70·8	2·9	6·0	0
July	76·6	17th	79·1	3rd	74·3	1·7	3·0	−0·2
August	76·4	4th	78·7	25th	74·3	1·5	3·0	−1·2
September	75·4	14th	78·7	20th	72·9	2·4	4·2	−1·1
October	67·5	5th	75·6	21st	59·1	5·4	8·0	1·0
November	59·2	13th	69·3	19th	49·4	6·6	9·9	0·9
December	45·5	1st	57·2	26th	41·5	9·4	11·5	5·9
Year	65·3	...	81·8	...	36·4	5·2	13·3	−1·2
Means of extremes	...	...	72·4	...	58·4	...	8·1	1·1

* On a woollen pad, 2 inches above ground.
† Mean of 29 days.
‡ „ „ 30 „
§ On a woollen pad, ¼ inch above ground.

13. DHUBRI (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.			Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January . .	43·5	27th	53·0	31st	36·2	9·4	12·5	4·4	42·8	1st & 4th	60·8	9th	30·8	12·8	17·5	1·9
February . .	46·3	10th	54·1	1st	39·6	9·8	12·6	4·3	48·3	21st	63·8	11th	36·4	13·1	17·2	3·6
March . .	58·8	24th	66·9	1st	48·5	7·0	11·8	2·8	54·5	7th	63·6	5th	47·9	14·4	19·7	7·0
April . . .	66·0	30th	70·7	7th	59·1	4·3	10·4	0·3	62·8	27th	75·7	10th	53·7	14·3	18·4	9·4
May . . .	69·9	26th	74·7	7th	62·6	2·3	6·4	0	67·8	25th	79·2	4th	54·1	12·2	17·1	3·8
June . . .	73·8	18th	77·0	21st	70·4	1·1	3·4	0	72·8	4th	81·6	6th & 8th	67·8	5·5	11·0	0·7
July . . .	76·6	19th	79·0	4th	74·3	1·2	3·7	0	71·2	15th	73·3	25th & 29th	68·7	3·8	6·2	1·4
August . .	76·0	3rd	78·8	20th & 27th	73·4	1·9	4·1	0·3	70·5	9th	73·9	31st	59·9	4·1	8·9	1·8
September . .	74·8	16th	77·1	5th	72·1	2·5	5·1	0·6	66·9	5th	72·5	2nd & 29th	60·0	6·6	11·4	1·8
October . .	67·3	7th	74·3	19th, 20th & 31st.	61·1	5·1	7·9	0·7	57·3	29th	66·8	19th, 21st & 22nd.	46·9	10·6	18·1	4·5
November . .	56·7	2nd	63·2	30th	51·1	6·1	7·6	4·7	52·9	7th	64·1	19th	36·6	10·7	20·0	4·9
December . .	47·7	7th	52·6	16th	45·1	7·1	9·2	5·0	36·7	1st	48·5	19th	30·1	15·8	19·9	10·6
Year . . .	63·1	...	79·0	...	36·2	4·8	12·6	0	58·7	...	81·6	...	30·1	10·3	20·0	0·7
Means of extremes	...	...	68·5	...	57·8	...	7·9	1·9	...	...	68·7	...	49·4	...	15·5	4·3

* On pad, 1 inch above ground.

14. NAGPUR (*corrected*).†

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.			Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January . .	60·8	9th	30·8	12·8	17·5	1·9										
February . .	63·8	11th	36·4	13·1	17·2	3·6										
March . .	63·6	5th	47·9	14·4	19·7	7·0										
April . . .	75·7	10th	53·7	14·3	18·4	9·4										
May . . .	79·2	4th	54·1	12·2	17·1	3·8										
June . . .	81·6	6th & 8th	67·8	5·5	11·0	0·7										
July . . .	73·3	25th & 29th	68·7	3·8	6·2	1·4										
August . .	73·9	31st	59·9	4·1	8·9	1·8										
September . .	72·5	2nd & 29th	60·0	6·6	11·4	1·8										
October . .	66·8	19th, 21st & 22nd.	46·9	10·6	18·1	4·5										
November . .	64·1	19th	36·6	10·7	20·0	4·9										
December . .	48·5	19th	30·1	15·8	19·9	10·6										
Year . . .	81·6	...	30·1	10·3	20·0	0·7										
Means of extremes	68·7	...	49·4	...	15·5	4·3										

† On a woollen pad, 3 inches above ground.

15. PACHMARHI (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.			Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January . .	40·0	23rd	54·1	10th	27·4	6·9	9·7	2·4	35·3	22nd	55·2	1st	24·3	9·4	16·1	1·7
February . .	44·1	26th	53·9	10th	32·0	7·8	11·9	1·8	43·6	20th	55·8	10th	34·5	8·4	12·3	2·4
March . .	51·3	15th	60·1	4th	42·7	9·7	14·8	5·3	54·0	24th	65·1	1st	42·9	8·5	11·4	0·9
April . . .	60·4†	27th	74·0	6th	48·9	10·4†	16·3	4·7	60·4	27th	74·3	9th	48·9	9·0	13·1	1·3
May . . .	66·9	29th	76·8	11th	53·2	7·3	14·4	2·2	68·2	30th	79·4	4th	52·1	8·9	12·9	4·5
June . . .	69·3	4th	74·0	8th	65·0	3·6	9·9	0	75·2	1st & 11th	80·9	18th	67·0	5·8	8·9	0·6
July . . .	66·8	5th, 7th & 14th.	69·0	26th & 30th	65·0	1·0	2·7	—0·3	75·1	1st	80·8	26th	70·9	3·0	5·3	0·9
August . .	66·0	2nd	68·4	31st	62·2	0·7	3·0	0	72·2	3rd	76·6	30th	64·0	2·4	7·0	0·1
September . .	63·5	14th	70·0	25th & 28th	56·8	2·5	5·4	—1·3	64·8	8th	71·9	30th	56·5	7·4	12·0	0·8
October . .	48·3	27th	62·0	20th	39·2	9·5	12·1	5·7	55·5	24th	67·7	31st	43·9	9·2	12·7	4·7
November . .	42·6	8th	54·5	17th	31·5	10·5	15·2	4·7	44·1	10th	54·4	30th	30·5	10·5	13·9	6·8
December . .	30·4	1st	36·1	12th	27·0	12·7	18·0	7·9	34·2	23rd	39·1	31st	26·3	11·1	13·2	8·7
Year . . .	54·1	...	76·8	...	27·0	6·9	18·0	—1·3	56·9	...	80·9	...	24·3	7·8	16·1	0·1
Means of extremes	...	...	62·7	...	45·9	...	11·1	2·8	...	...	66·8	...	46·8	...	11·6	2·8

* On a woollen pad, 3 inches above ground. † Mean of 29 days.

16. JEYPORE (*corrected*).‡

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.			Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January . .	35·3	22nd	55·2	1st	24·3	9·4	16·1	1·7								
February . .	43·6	20th	55·8	10th	34·5	8·4	12·3	2·4								
March . .	54·0	24th	65·1	1st	42·9	8·5	11·4	0·9								
April . . .	60·4	27th	74·3	9th	48·9	9·0	13·1	1·3								
May . . .	68·2	30th	79·4	4th	52·1	8·9	12·9	4·5								
June . . .	75·2	1st & 11th	80·9	18th	67·0	5·8	8·9	0·6								
July . . .	75·1	1st	80·8	26th	70·9	3·0	5·3	0·9								
August . .	72·2	3rd	76·6	30th	64·0	2·4	7·0	0·1								
September . .	64·8	8th	71·9	30th	56·5	7·4	12·0	0·8								
October . .	55·5	24th	67·7	31st	43·9	9·2	12·7	4·7								
November . .	44·1	10th	54·4	30th	30·5	10·5	13·9	6·8								
December . .	34·2	23rd	39·1	31st	26·3	11·1	13·2	8·7								
Year . . .	56·9	...	80·9	...	24·3	7·8	16·1	0·1								
Means of extremes	...	...	66·8	...	46·8	...	11·6	2·8								

‡ On a woollen pad, 1 inch above ground.

17. MOUNT ABU (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	37·1	22nd	50·7	27th	24·4	11·3	18·3	0·6
February	46·5	2nd	54·2	10th	38·5	6·8	11·8	1·0
March	56·2	23rd	64·2	27th	47·8	7·1	11·7	1·9
April	62·0	25th	69·7	3rd	56·6	6·0	10·8	1·7
May	65·7	12th	74·5	5th	53·6	4·4	10·1	1·2
June	66·3	10th	69·3	17th	61·7	1·6	3·8	—1·1
July	65·5	14th & 16th	68·1	25th	63·0	0·1	1·9	—0·7
August	63·8	3rd & 20th	66·4	31st	58·6	0	1·8	—0·8
September	58·9	17th	67·1	6th	54·8	5·6	10·1	—0·5
October	56·3	24th	63·1	31st	51·5	8·2	11·9	4·2
November	48·2	9th	61·2	29th	38·4	8·6	13·2	1·9
December	42·5	26th	47·3	2nd	37·0	10·8	13·2	7·7
Year	55·8	...	74·5	...	24·4	5·9	18·3	—1·1
Means of extremes	...	...	63·0	...	48·8	...	9·9	1·4

* On a woollen pad from April, 4 inches, previously 1 inch, above ground.

18. DEESA (*corrected*).†

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	43·7	22nd	58·1	11th	33·7	9·2	14·1	1·7
February	50·7	20th	59·9	10th	38·9	8·8	12·6	3·8
March	57·3	13th	65·6	27th	46·7	9·6	13·6	4·4
April	62·0	25th	77·4	13th	55·0	10·0	13·9	3·6
May	68·9	31st	78·2	5th	53·9	7·4	16·6	1·5
June	77·8	25th	81·4	18th	67·9	3·0	9·*	0·6
July	76·2	11th	79·6	15th	71·9	2·1	4·4	1·0
August	73·1	10th	77·6	29th	67·5	2·7	6·3	0·5
September	66·4	20th	72·2	4th	62·6	7·0	9·5	2·4
October	61·2	25th	70·4	29th	52·5	7·0	9·5	3·8
November	55·2	5th	73·6	30th	41·6	5·9	8·9	0·2
December	45·2	23rd	58·7	2nd	39·2	7·7	12·1	4·0
Year	61·5	...	81·4	...	33·7	6·7	16·6	0·2
Means of extremes	...	...	71·1	...	52·6	...	10·9	2·3

† On a pad, on the ground.

19. BOMBAY (*corrected*).*

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	60·7	1st	69·6	29th	54·4	8·0	11·8	2·0
February	60·8	25th & 27th	64·9	10th	53·2	9·3	12·0	6·2
March	66·4	23rd	73·4	9th	60·2	8·6	11·8	4·3
April	71·1	16th	75·5	5th	64·8	7·1	11·9	3·7
May	75·3	23rd	80·0	4th	68·0	5·0	8·1	2·5
June	76·8	3rd	79·3	8th & 9th	71·8	3·0	6·6	0·8
July	75·8	8th	79·0	14th	70·9	2·0	3·5	0·8
August	75·1	5th	76·1	29th	73·8	1·5	3·1	0·4
September	72·7	17th	76·9	4th, 6th & 28th.	70·2	4·5	6·6	1·2
October	68·9	30th	76·0	23rd	62·8	8·4	14·0	2·1
November	67·1	4th	77·8	21st	58·1	8·3	13·3	2·0
December	58·4	3rd & 4th	66·8	14th	52·4	12·9	16·4	9·7
Year	69·1	...	80·0	...	52·4	6·6	16·4	0·4
Means of extremes	...	...	74·5	...	63·4	...	9·9	3·0

* On grass, 2 inches above ground.

20. VIZAGAPATAM.†

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	58·3	5th	67·0	12th	50·2	12·9	18·5	8·9
February	62·2	15th, 18th & 19th.	67·5	2nd & 5th	56·0	13·5	16·8	10·0
March	68·2	25th to 28th	74·0	2nd	60·0	11·8	14·0	8·2
April	76·4	29th	81·0	22nd	68·1	7·2	14·2	2·5
May	78·3	7th	83·5	19th	70·5	5·3	11·6	1·1
June	78·4	7th	82·8	2nd	71·3	5·9	9·9	2·7
July	75·2	6th	79·5	10th & 20th	73·0	5·7	10·3	1·1
August	76·2	3rd	79·0	19th	73·0	5·1	9·4	1·4
September	76·1	9th	78·8	1st	72·0	5·1	7·7	3·3
October	69·9	7th	75·0	22nd	61·4	7·7	10·7	5·3
November	66·7	4th	75·0	21st	57·5	6·9	12·2	2·7
December	57·0	4th	68·0	28th	48·2	9·8	13·4	6·2
Year	70·2	...	83·5	...	48·2	8·1	18·5	1·1
Means of extremes	...	...	75·9	...	63·4	...	12·6	4·5

† On a stand, 1 foot above ground.

TABLE III.—TEMPERATURES OF NOCTURNAL RADIATION IN 1888.

21. MADRAS.*

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	63·3	5th	71·7	18th	57·4	4·4	6·1	2·4
February	64·3	19th	71·0	8th	58·5	4·3	5·3	2·8
March	68·7	26th	75·2	22nd	64·0	3·5	5·0	2·0
April	76·1	29th	81·4	3rd	68·8	2·5	3·9	1·1
May	78·2	2nd	81·2	11th	73·3	1·5	3·0	0
June	79·3	4th	83·1	27th	74·1	1·7	3·6	0·4
July	76·9	2nd	82·0	18th	72·0	1·3	2·8	0
August	75·3	10th	79·6	1st	69·8	1·2	2·6	0·5
September	75·0	16th	79·2	4th	68·6	1·8	5·6	0·6
October	72·9	8th	76·3	23rd	68·5	2·0	3·7	0·2
November	71·2	3rd	75·0	22nd	62·9	2·3	5·5	0·4
December	66·0	3rd	73·9	28th	60·2	3·1	6·1	0·2
Year	72·3	...	83·1	...	57·4	2·5	6·1	0
Means of extremes	...	...	77·5	...	66·5	...	4·4	0·9

* On ground.

22. WELLINGTON (*corrected*).†

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	38·1	7th	51·7	22nd	30·2	6·9	13·4	0·4
February	36·0	20th	48·7	5th	26·6	9·7	14·9	5·5
March	43·6	11th	50·2	7th	38·2	8·7	11·6	5·3
April	50·4	15th	59·8	4th	40·4	6·6	10·8	0·1
May	52·1	4th	60·8	21st	46·0	5·7	9·6	0
June	55·6	10th	59·2	6th	49·0	3·7	8·5	0·3
July	55·6	2nd	58·6	19th & 28th	52·2	3·3	6·0	0
August	54·2	11th	59·2	13th, 26th & 28th.	49·2	3·8	7·4	1·2
September	50·1	15th	56·2	4th	45·2	5·7	9·8	1·7
October	50·5	26th	57·4	17th	45·6	4·5	7·9	0·1
November	46·6	4th	58·0	19th	26·0	6·5	15·2	0
December	42·3	5th & 6th	54·0	26th	31·1	5·5	9·1	0
Year	47·9	...	60·8	...	26·0	5·9	15·2	0
Means of extremes	...	...	56·2	...	40·0	...	10·4	1·2

† Corrected from 2nd December.

33. COIMBATORE (*corrected*).

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	58·2	5th	65·5	19th	48·8	5·9	9·3	3·9
February	57·5	20th	65·2	9th	50·8	?	?	?
March	62·6	31st	68·8	5th	54·2	Not recorded.		
April	67·5	30th	73·4	5th	54·6	Ditto.		
May	67·8	26th	71·6	19th	61·0	Ditto.		
June	67·3	26th	70·2	29th	63·0	Ditto.		
July	68·1	14th	70·8	10th	66·2	Ditto.		
August	67·7	7th	71·0	31st	64·0	Ditto.		
September	66·3*	13th	69·0	2nd & 8th	64·0	Ditto.		
October	66·5	12th	70·0	2nd	61·4	Ditto.		
November	65·9	16th	70·0	19th	52·1	Ditto.		
December	58·3	4th	68·0	13th	42·2	Ditto.		
Year	64·5	...	73·4	...	42·2	?	?	?
Means of extremes	...	...	69·5	...	56·9	...	?	?

* Mean of 29 days.

24. RANGOON (*corrected*).†

Month.	Mean.	Maximum.		Minimum.		Difference, shade and radiation.		
		Day.	°	Day.	°	Mean.	Maximum.	Minimum.
January	59·8‡	24th	64·5	13th	50·2	5·0‡	7·9	0·3
February	62·1	26th	68·3	3rd & 13th	56·1	4·2	8·0	2·2
March	67·5	31st	72·0	2nd	62·2	3·9	4·8	2·5
April	73·2	26th & 27th	76·0	7th	68·9	3·3	4·1	2·7
May	74·4	5th & 9th	77·7	21st	70·5	3·2	5·3	2·0
June	73·8	24th	76·1	30th	71·0	2·4	3·0	1·9
July	73·0	31st	76·2	14th	70·2	2·4	4·3	1·3
August	73·3	2nd	76·5	25th	70·7	2·3	3·7	1·5
September	74·3§	11th	77·5	13th	71·0	2·2§	3·7	1·3
October	73·0‡	17th	75·9	28th	68·0	2·4‡	4·2	1·3
November	71·9	2nd	74·3	28th	67·4	2·8	4·6	1·8
December	64·4‡	2nd	71·8	24th	55·9	3·7‡	8·0	1·4
Year	70·1	...	77·7	...	50·2	3·2	8·0	0·3
Means of extremes	...	...	73·9	...	65·2	...	5·1	1·7

† On a woollen pad, 3 inches above ground.
‡ Mean of 30 days.
§ Mean of 29 days.

TABLE IV.—TEMPERATURES OF THE GROUND IN 1888. (5 STATIONS).

1. LAHORE.

Month.	Surface.				1 foot deep.				3 feet deep.				6 feet deep.	Daily Means.		
	4 hours.	10 hours.	16 hours.	22 hours.	4 hours.	10 hours.	16 hours.	22 hours.	4 hours.	10 hours.	16 hours.	22 hours.	10 hours.	Surface.	1 foot.	3 feet.
January	35·9	54·8	65·8	41·4	56·1	55·7	57·1	57·1	62·1	62·1	62·0	62·0	71·1	49·5	56·5	62·1
February	43·2	64·0	73·5	49·4	58·9	58·5	59·0	59·9	62·0	62·0	62·0	62·1	68·7	57·5	59·1	62·0
March	56·5	90·9	102·8	63·9	72·7	72·2	72·3	73·5	71·4	71·5	71·6	71·6	70·9	78·5	72·7	71·5
April	63·8	110·0	115·6	74·4	82·1	81·9	81·8	83·0	79·5	79·6	79·7	79·6	75·4	91·0	82·2	79·6
May	71·8	120·1	126·5	81·6	88·8	88·5	88·5	89·5	85·8	86·0	85·9	86·0	80·0	100·0	88·8	85·9
June	78·6	118·0	128·1	88·8	93·4	93·0	92·9	93·7	90·5	90·6	90·6	90·7	84·2	103·4	93·3	90·6
July	82·9	109·3	121·0	87·9	95·3	94·9	94·9	95·6	93·2	93·3	93·3	93·3	87·3	100·3	95·2	93·3
August	80·5	113·1	117·4	84·9	94·2	93·6	93·4	94·4	92·7	92·8	92·7	92·7	88·7	99·0	93·9	92·7
September	70·1	121·4	117·6	75·8	92·6	91·6	91·8	93·2	91·6	91·7	91·5	91·5	88·4	96·2	92·3	91·6
October	57·8	96·0	90·9	63·3	80·9	80·8	81·6	82·2	84·6	84·6	84·4	84·4	86·2	77·0	81·4	84·5
November	47·4	72·3	77·9	54·3	70·8	70·5	71·7	72·0	76·5	76·3	76·2	76·2	82·2	63·0	71·2	76·3
December	37·1	58·0	67·7	42·4	60·1	59·9	61·0	61·1	67·3	67·2	67·1	67·1	76·2	51·3	60·5	67·2
Year	60·5	94·0	100·4	67·3	78·8	78·4	78·8	79·6	79·8	79·8	79·8	79·8	79·9	80·6	78·9	79·8

2. DEHRA.

Month.	15 hours.					Surface.			1 foot deep.			3 feet deep.			6 feet deep.	Daily Means.		
	1·1 feet. (Old.)	3·1 feet. (New.)	6·1 feet. (New.)	12·8 feet. (New.)	25·6 feet. (New.)	6 hours.	14 hours.	22 hours.	6 hours.	14 hours.	22 hours.	6 hours.	14 hours.	22 hours.	14 hours.	Surface.	1 foot.	3 feet.
January	55·8	61·8	67·7	74·3	75·9	43·7	77·1	49·3	60·6	59·6	61·7	66·6	66·6	66·6	78·1	57·2	60·6	66·6
February	57·3	60·5	64·8	72·1	75·5	50·5	93·5	57·1	65·6	64·6	67·6	67·7	67·8	67·8	76·2	67·2	66·0	67·7
March	68·8	67·9	67·0	70·7	74·9	59·5	117·0	69·4	77·5	76·3	79·7	75·5	75·7	75·7	76·5	82·7	77·8	75·7
April	79·9	76·6	71·9	71·3	74·2	70·4	130·8	79·6	87·6	86·4	89·7	83·6	83·7	83·8	78·7	94·8	87·8	83·7
May	85·8	82·3	76·8	73·1	73·9	78·8	143·9	87·2	95·7	94·5	97·6	90·9	90·9	91·0	81·5	104·7	95·8	90·9
June	89·7	86·2	80·7	75·2	73·8	84·7	130·7	89·7	97·3	96·4	99·4	94·2	94·2	94·2	84·1	102·4	97·7	94·2
July	83·3	83·8	82·1	77·3	74·1	79·9	98·5	81·9	86·9	86·5	88·1	88·8	88·7	88·6	85·4	86·4	87·2	88·7
August	82·8	82·5	81·8	79·2	75·3*	78·9	95·3	80·2	85·1	85·2	86·3	86·1	86·1	86·1	85·1	84·1	85·5	86·1
September	80·4	81·1	81·5	80·1	76·4	75·5	100·4	78·4	83·6	83·5	85·1	84·6	84·6	84·6	84·9	83·9	84·1	84·6
October	74·5	77·4	79·5	79·8	77·0	63·8	113·7	70·1	81·8	81·3	84·1	83·9	83·8	83·8	84·5	82·7	82·4	83·8
November	67·3	72·2	76·1	78·6	77·1	53·6	94·1	58·8	72·7	72·1	74·1	78·3	78·1	78·1	83·7	69·2	73·0	78·2
December	58·0	65·1	71·1	76·8	76·9	40·8	80·0	47·3	62·7	61·8	64·2	70·4	70·2	70·2	81·5	56·8	62·9	70·3
Year	73·6	74·8	75·1	75·7	75·4	65·0	106·3	70·8	79·8	79·0	81·5	80·9	80·9	80·9	81·7	81·0	80·1	80·9

3. ALLAHABAD.

* Mean of 25 days.

4. Calcutta.

Month.	Surface.			1 foot deep (New).			3 feet deep.			6 feet deep.	Daily Means.		
	5½ hours.	13½ hours.	21½ hours.	5½ hours.	13½ hours.	21½ hours.	5½ hours.	13½ hours.	21½ hours.	13½ hours.	Surface.	1 foot (New).	3 feet.
January	57·4	71·7	60·6	67·4	66·7	67·7	71·7	71·7	71·8	77·3	63·2	67·3	71·7
February	63·1	79·1	67·0	70·4	69·7	71·0	72·5	72·4	72·6	Imperfect.	69·7	70·4	72·5
March	73·4	98·9	77·6	79·4	78·8	80·2	78·5	78·6	78·7	77·3 *	83·3	79·5	78·6
April	80·1	111·5	83·9	87·6	86·9	88·4	85·6	85·6	85·6	81·0	91·8	87·6	85·6
May	82·4	107·8	85·5	89·1	88·4	90·1	87·9	87·9	87·9	83·8	91·9	89·2	87·9
June	84·3	108·4	86·7	90·4	89·8	91·3	89·3	89·3	89·3	85·5	93·1	90·5	89·3
July	81·6	94·2	83·4	86·6	86·1	86·8	87·4	87·4	87·4	86·1	86·4	86·5	87·4
August	80·8	92·5	82·7	84·9	84·5	85·2	85·8	85·9	85·8	85·5	85·3	84·9	85·8
September	81·1	94·7	83·2	85·4	85·1	85·7	85·7	85·7	85·8	85·0	86·3	85·4	85·7
October	75·6	93·5	78·6	83·2	82·7	83·5	85·1	85·1	85·0	85·1	82·2	83·1	85·1
November	68·0	85·2	70·5	77·7	77·1	77·8	81·2	81·1	81·1	83·8	74·6	77·5	81·1
December	54·0	76·0	57·2	68·6	67·8	68·7	73·3	73·9	73·9	80·4	62·4	68·4	73·7
Year	73·5	92·7	76·4	80·9	80·3	81·4	82·0	82·1	82·1	82·8	80·9	80·9	82·0

5. Jeypore.

Month.	Surface.				4 inches deep.				1 foot deep.				3 feet deep.				10 feet deep.	20 feet deep.	45·6 feet deep.	Daily Means.			
	4 hours.	10 hours.	15 hours.	22 hours.	4 hours.	10 hours.	16 hours.	22 hours.	4 hours.	10 hours.	16 hours.	22 hours.	4 hours.	10 hours.	16 hours.	22 hours.	10 hours.	10 hours.	10 hours.	Surface.	4 inches.	1 foot.	3 feet.
January	41·5	68·0	77·4	47·3	51·0	55·0	67·6	56·9	56·6	55·4	62·7	60·6	65·8	66·0	66·0	65·8	75·7	80·7	81·0	58·5	57·6	58·8	65·9
February	50·8	78·5	86·8	56·4	59·7	62·2	78·7	66·6	62·6	61·0	70·8	68·0	66·3	66·5	66·6	66·6	73·1	79·7	81·0	68·1	66·8	65·6	66·5
March	59·8	102·5	110·0	67·7	73·1	77·5	95·1	81·6	76·1	75·1	85·1	82·6	75·6	75·9	75·9	75·9	73·6	78·7	81·0	84·9	81·8	79·7	75·8
April	63·9	117·2	118·4	73·7	79·2	85·7	105·0	89·8	83·4	82·6	91·6	89·5	81·8	82·0	82·1	82·1	76·9	78·2	81·0	93·3	89·9	86·7	81·9
May	71·6	126·8	125·2	79·9	87·0	93·1	111·3	97·1	90·8	90·3	98·6	96·8	87·1	87·3	87·4	87·4	80·5	78·6	81·0	100·9	97·0	94·0	87·3
June	78·5	123·1	126·4	85·4	91·3	95·5	111·2	99·9	95·4	94·7	102·1	100·3	91·2	91·5	91·5	91·4	83·9	79·4	81·0	103·4	99·7	98·1	91·4
July	76·8	102·6	103·4	81·1	83·8	86·8	96·7	88·4	86·5	86·3	92·4	89·9	88·9	89·1	89·0	88·9	86·1	80·5	81·0	91·0	88·9	88·8	89·0
August	74·1	92·6	93·9	76·2	78·2	81·0	89·4	81·7	80·6	80·3	85·9	83·5	84·0	84·1	84·1	84·0	85·4	81·5	81·0	84·2	82·6	82·6	84·1
September	68·3	115·8	111·1	73·3	80·4	86·7	101·0	87·1	83·5	83·9	92·3	88·2	86·0	86·3	86·3	86·2	84·7	82·0	81·0	92·1	88·8	87·0	86·2
October	59·3	110·2	99·6	64·2	73·2	80·5	94·1	79·4	76·8	76·8	85·8	81·6	83·1	83·3	83·3	83·1	84·5	82·1	81·0	83·3	81·8	80·3	83·2
November	48·8	99·6	79·7*	53·4	63·2	69·6	82·2*	69·2	67·7	66·8	76·9*	72·3	76·8	76·9	76·7*	76·8	82·3	82·1	81·0	70·4	71·1	70·9	76·8
December	37·4	89·4	77·3	43·0	54·1	60·2	71·6	59·7	58·6	57·8	66·3	62·8	68·9	69·1	69·2	69·0	78·2	81·8	81·1	61·8	61·4	61·4	69·1
Year	60·9	102·2	100·8	66·8	72·9	77·8	92·1	79·8	76·6	75·9	84·2	81·3	79·6	79·8	79·8	79·8	80·4	80·4	81·0	82·7	80·6	79·5	79·8

* Mean of 29 days.

TABLE V.—MEAN AND EXTREME AIR-TEMPERATURES IN THE SHADE IN 1888. (140 STATIONS).

1. BAGHDAD (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	49·9	53·4	58·7	62·5	21·4	41·1	1st	72·0	38·2	24th	33·8
February	54·9	58·1†	62·7†	68·1	21·1	47·0*	20th	76·5	39·8	6th	36·7
March	60·5	65·0	69·3	74·2	22·5	51·7	31st	84·8	44·8	9th	40·0
April	68·8	72·3	78·9	81·0	22·3	58·7	30th	92·8	41·3	16th	51·5
May	80·1	85·5	89·9	94·1‖	23·9	70·2	26th, & 31st.	100·8	40·4	11th	60·4
June	88·5	92·7	99·7	102·2	25·3	76·9	25th	110·8	40·0	5th & 10th.	70·8
July	92·6	96·9	104·9	108·3	28·1	80·2	25th	114·8	40·6	12th	74·2
August	90·9	94·6	103·2	106·3	27·7	78·6	20th	113·3	43·5	28th	69·8
September	85·7	93·0	98·6	103·4	30·6	72·8	4th	109·3	43·4	21st	65·9
October	79·1	86·7	89·1	100·2	31·1	69·1	2nd	104·3	42·9	31st	61·4
November	57·3	63·7	66·2	74·8	26·5	48·3	5th	88·8	51·8	22nd	37·0
December	49·1	54·5	55·9	60·8	18·5	42·3	4th	72·0	38·0	21st	34·0
Year	71·4	76·4	81·4	86·3	24·9	61·4	...	114·8	81·0	...	33·8

* Mean of 27 days. † „ „ 28 „ ‡ Mean of 26 days. § „ „ 29 „ ‖ Mean of 30 days.

2. ADEN (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	74·7	76·8	78·2	81·1	10·0	71·1	28th	85·3	19·2	1st	66·1
February	76·0	77·6*	78·9†	81·7‡	8·6	73·1‡	19th	84·9	15·0	16th	69·9
March	77·3	80·7	81·9	85·4	12·7	72·7	26th	90·5	22·8	12th	67·7
April	83·2	84·5	87·7	91·6	12·9	78·7	28th	97·1	23·0	27th	74·1
May	85·4	89·5	89·9	94·4§	13·5	80·9	23rd & 28th.	98·5	22·4	18th	76·1
June	87·3	91·0	91·4	95·5	12·3	83·2	30th	100·7	19·9	18th	80·8
July	86·7	89·1‖	90·9	94·5§	12·0	82·5§	21st	97·1	16·9	25th	80·2
August	86·8	89·8	90·9	94·1	11·4	82·7	14th, 16th & 29th.	97·9	18·3	28th	79·6
September	86·0	89·7	89·4	93·8	11·2	82·6§	6th	96·5	18·1	30th‖	78·4
October	80·9	86·4	85·8	90·6	14·7	75·9	8th	94·7	23·4	31st	71·3
November	76·0	79·3	79·9	83·6	11·6	72·0	15th	86·8	19·3	29th	67·5
December	76·0	79·3	79·9	83·6	11·6	72·0	15th	86·8	19·3	29th	67·5
Year	81·6	84·7	85·7	89·4	11·9	77·5	...	100·7	34·6	...	66·1

* Mean of 30 days. † „ „ 27 „

3. BUSHIRE (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	57·1	57·8	61·7	63·0	10·5	52·5	5th	72·6	27·1	11th	45·5
February	59·8	62·1	64·8	66·9	12·1	54·8	29th	80·4	35·3	3rd	45·1
March	66·9	69·2*	72·1	73·6	12·0	61·6*	6th	88·6	33·3	22nd & 23rd.	55·3
April	73·1	77·0	78·9	81·9	14·7	67·2	19th	95·8	36·1	1st	59·7
May	80·7	85·3	86·1	88·5	13·2	75·3	23rd	104·1	36·2	16th	67·9
June	86·2	89·2	90·5	92·3	10·5	81·8	4th	109·3	32·5	2nd	76·8
July	89·0	92·5	93·9	95·1*	11·1	84·0	24th	102·3	27·3	9th	75·0
August	89·3	93·0	94·4	95·5	11·3	84·2	3rd & 14th	98·5	20·6	30th	77·9
September	86·7	91·0	93·5	94·7	14·9	79·8	12th	102·5	26·8	5th	75·7
October	81·9	87·5	88·6	90·1	15·0	75·1	2nd & 7th	92·4	22·7	30th	69·7
November	69·3	73·1	75·7	77·6	14·8	62·8	2nd	91·3	41·4	19th	49·9
December	59·6	61·2	64·7	67·1†	12·7	54·4	10th	80·4	35·5	18th	44·9
Year	75·0	78·2	80·4	82·2	12·7	69·5	...	109·3	64·4	...	44·9

* Mean of 30 days. † „ „ 27 „

4. AMINI DIVI (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	79·4	82·8	82·4	84·7	11·6	73·1	8th	87·4	20·0	17th	67·4
February	81·1	83·6	83·2	85·7	9·3	76·4	29th	87·2	16·9	2nd	70·3
March	82·9	85·5	85·8	88·9	11·6	77·3	28th	93·6	21·1	1st	72·5
April	84·4	87·1	86·1	89·8	9·7	80·1	19th	93·6	17·1	16th	76·5
May	84·4	87·3	85·3	89·3	8·7	80·6	17th	94·8	22·5	30th	72·3
June	80·8	83·3	82·1	85·5	8·4	77·1	4th	90·5	16·3	7th	74·2
July	81·4	83·6	83·2	85·4	7·9	77·5	19th	87·2	13·0	23rd	74·2
August	81·7	83·4	83·6	85·4	7·1	78·3	24th	87·5	13·5	15th	74·0
September	82·6	84·3	85·2	87·5	9·2	78·3	24th	91·1	18·1	28th	73·0
October	81·6	84·3	84·0	87·0	10·6	76·4	13th	91·4	19·4	25th	72·0
November	81·3	84·7	83·9	86·4	10·9	75·5	5th	89·9	21·9	20th	68·0
December	81·2	85·4	83·9	86·8	12·4	74·4	15th	89·5	22·3	28th	67·2
Year	81·9	84·6	84·1	86·9	9·8	77·1	...	94·8	27·6	...	67·2

5. QUETTA (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	36·6	40·7	46·5	49·4	22·7	26·7	9th	65·0	49·7	27th	15·3	18·9	11·3	20·6	27·4	16·4	31·9	22·2	9·7	11th	44·4	43·6	29th	0·8
February	41·6	44·9	48·6	52·1	17·5	34·6	29th	64·3	38·0	1st	26·3	19·3	11·4	21·1	28·0	16·6	32·2	21·8	10·4	27th	38·4	37·9	16th	0·5
March	53·4	60·0	64·4	67·7	25·3	42·4	9th	77·2	46·2	26th	31·0	34·3	24·8	36·9	43·6	32·0	47·5*	23·8	23·7	29th	57·1	39·8	14th	17·3
April	59·0	67·8	71·0	73·5	26·6	46·9	16th	83·2	50·2	7th	33·0	40·6	31·8	44·1	48·8	37·7	53·5	22·8	30·7	18th	64·9	42·9	5th	22·0
May	64·1	74·8	79·0	81·0	31·9	49·1	27th & 28th.	89·4	55·8	3rd	33·6	46·9	35·8	51·8	56·2	43·8	61·1	26·7	34·4	28th	70·8	45·3	6th	25·5
June	71·0	81·9	87·0	88·1	33·1	55·0	27th	96·1	50·4	9th	45·7	53·0	42·5	57·6	63·1	48·9	67·8	26·8	41·0	29th	78·1	45·0	9th	33·1
July	77·8	84·0	90·8	92·7	28·0	64·7	26th	96·3	40·4	9th	55·9	62·9	51·4	67·1	74·0	59·2	78·0	27·6	50·4	19th	85·7	39·9	3rd & 24th.	45·8
August	73·5	82·7	87·2	89·4	29·6	59·8	5th	95·1	48·7	31st	46·4	60·8	49·2	65·9	72·1	55·8	76·8	28·2	48·6	19th	82·9	41·7	24th	41·2
September	63·6	74·4	81·8	83·3	37·9	45·4	13th & 21st.	87·4	47·5	28th & 29th.	39·9	53·9	39·8	59·6	67·2	49·0	69·9	30·5	39·4	4th	75·9	42·1	27th	33·8
October	55·2	64·9	71·5	73·8	35·0	38·8	1st	78·9	47·6	29th	31·3	41·8	30·8	46·7*	52·0*	37·5	56·6*	26·3	30·3	10th	65·4	42·6	30th	22·8
November	46·4	52·2	57·4	61·3	26·0	35·3	1st & 16th	73·3	48·5	27th	24·8	32·0	22·5	36·3	41·1	28·0	45·7	24·2	21·5	8th & 21st.	53·9	47·2	28th	6·7
December	42·8	48·1	53·8	58·6	26·9	31·7	17th	67·9	47·3	31st	20·6	23·0	13·9	25·3	32·4	20·5	36·6	24·1	12·5	19th	45·4	38·1	2nd	7·3
Year	57·1	64·7	69·9	72·6	28·4	44·2	...	96·3	81·0	...	15·3	40·6	30·4	44·4	50·5	37·1	54·8	25·4	29·4	...	85·7	85·2	...	0·5

* Mean of 30 days.

6. LEH (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	18·9	11·3	20·6	27·4	16·4	31·9	22·2	9·7	11th	44·4	43·6	29th	0·8
February	19·3	11·4	21·1	28·0	16·6	32·2	21·8	10·4	27th	38·4	37·9	16th	0·5
March	34·3	24·8	36·9	43·6	32·0	47·5*	23·8	23·7	29th	57·1	39·8	14th	17·3
April	40·6	31·8	44·1	48·8	37·7	53·5	22·8	30·7	18th	64·9	42·9	5th	22·0
May	46·9	35·8	51·8	56·2	43·8	61·1	26·7	34·4	28th	70·8	45·3	6th	25·5
June	53·0	42·5	57·6	63·1	48·9	67·8	26·8	41·0	29th	78·1	45·0	9th	33·1
July	62·9	51·4	67·1	74·0	59·2	78·0	27·6	50·4	19th	85·7	39·9	3rd & 24th.	45·8
August	60·8	49·2	65·9	72·1	55·8	76·8	28·2	48·6	19th	82·9	41·7	24th	41·2
September	53·9	39·8	59·6	67·2	49·0	69·9	30·5	39·4	4th	75·9	42·1	27th	33·8
October	41·8	30·8	46·7*	52·0*	37·5	56·6*	26·3	30·3	10th	65·4	42·6	30th	22·8
November	32·0	22·5	36·3	41·1	28·0	45·7	24·2	21·5	8th & 21st.	53·9	47·2	28th	6·7
December	23·0	13·9	25·3	32·4	20·5	36·6	24·1	12·5	19th	45·4	38·1	2nd	7·3
Year	40·6	30·4	44·4	50·5	37·1	54·8	25·4	29·4	...	85·7	85·2	...	0·5

7. MOOLTAN (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	52·0	56·9	65·4	67·0	28·4	38·6	10th & 18th.	73·6	39·2	6th & 10th.	34·4
February	55·2	61·5	67·7	69·2	26·6	42·6	29th	81·4	48·0	7th	33·4
March	74·1	77·3	87·9	89·4	29·2	60·2	11th	98·8	48·2	5th	50·6
April	82·4	87·5	97·1	98·5	30·9	67·6	27th	106·6	48·3	3rd	58·3
May	91·2	96·0	105·6	107·2	30·5	76·7	26th to 28th.	116·6	53·3	3rd	63·3
June	95·0	96·0	106·0	107·5	23·6	83·9	12th	111·6	31·4	2nd, 3rd, 16th & 17th.	80·2
July	94·2	94·2	104·5	105·7	21·8	83·9	8th to 10th.	111·6	36·4	22nd	75·2
August	91·9	91·7	101·0	102·2	19·5	82·7	3rd	110·6	35·4	21st & 23rd.	75·2
September	?	88·4	98·9	Imperfect.				...	...	...	...
October	78·5	78·7	92·0	94·2	29·3	64·9	9th, 10th & 12th.	98·2	40·0	31st	58·2
November	66·8	68·3	80·8	82·9	30·2	52·7	4th	91·3	49·0	28th & 30th.	42·3
December	58·5	59·1	72·7	74·6	30·4	44·2	12th	79·3	41·1	31st	38·2
Year	?	79·7	89·9	?	?	?	...	116·6	83·2	...	33·4

8. DERA ISMAIL KHAN (*corrected*).

Mean.	10 hours.	16 hours	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
50·7	50·2	64·1	66·5	29·2	37·3	4th & 19th.	73·7	43·7	3rd to 6th	30·0
56·6	56·3	68·8	71·1	26·8	44·3	29th	82·7	44·8	1st & 8th	37·9
71·6	75·1	85·3	88·8	31·0	57·8	10th	98·5	48·7	1st & 16th	49·8
78·8	85·0	93·5	96·2	32·2	64·0	27th	104·5	53·7	7th	50·8
89·5	93·9	103·9	106·4	31·4	75·0	27th & 28th.	117·5	52·7	7th	64·8
93·9	94·6	106·4	108·2	26·8	81·4	25th & 26th.	116·5	46·7	4th	69·8
94·8	93·7	105·0	106·7	22·1	84·6	9th	117·5	42·6	22nd	74·9
92·4	91·5	102·0	104·1	21·4	82·7	3rd	113·5	39·7	20th	73·8
88·3	88·9	102·0	104·3	29·8	74·5	13th	110·5	42·7	19th	67·8
76·4	79·9	90·2	93·6	31·1	62·5	6th	103·5	48·8	26th	54·7
65·0	67·0	78·5	81·1	29·7	51·4	2nd	91·6	52·7	29th & 30th.	38·9
55·5	54·2	70·7	73·5	33·3	40·2	19th	80·7	47·7	31st	33·0
76·1	77·5	89·2	91·8	28·7	63·0	...	117·5	87·5	...	30·0

9. PESHAWAR (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January .	48·9	50·8	59·6	61·8	23·7	38·1	4th	69·4	38·5	3rd	30·9
February .	53·7	56·0	63·7	66·0	22·4	43·6	29th	81·1	45·2	16th	35·9
March .	65·9	71·1	77·4	80·0	25·7	54·3	3rd	87·1	41·7	16th	45·4
April .	73·0	79·6	85·1	87·5	26·6	60·9	17th	97·0	50·0	7th & 8th	47·0
May .	85·1	92·0	98·5	100·2	28·5	71·7	29th	113·0	58·7	3rd	54·3
June .	90·0	97·4	103·4	106·2	29·6	76·6	27th	118·0	53·5	15th	64·5
July .	91·4	94·1	102·3	104·2	23·7	80·5	9th	114·0	41·1	15th	72·9
August .	88·0	90·2	97·5	99·3	20·8	78·5	3rd	108·0	37·1	20th & 30th.	70·9
September .	85·1	87·6	96·2	97·5	27·6	69·9	12th	101·0	38·0	19th	63·0
October .	72·1	78·1	85·6	88·0	29·5	58·5	9th	95·0	42·8	28th	52·2
November .	61·1	65·9	72·4	75·2	25·4	49·8	2nd	86·1	50·2	30th	35·9
December .	52·7	55·5	65·5	67·3	27·4	39·9	18th	75·3	39·7	27th	35·6
Year .	72·1	76·5	83·9	86·1	25·9	60·2	...	118·0	87·1	...	30·9

10. MURREE (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January .	36·4	40·5	39·8	44·9	11·9	33·0	10th	59·7	36·2	28th	23·5
February .	37·2	41·0	41·3	45·5	12·4	33·1	29th	61·5	34·0	13th	27·5
March .	52·4	57·6	57·8	62·4	15·4	47·0	29th	69·6	33·9	26th	35·7
April .	57·9	62·9	63·4	68·0	15·6	52·4	17th	79·6	39·3	6th	40·3
May .	67·1	72·9	74·0	78·3	18·1	60·2	28th	90·7	52·2	3rd	38·5
June .	70·0	75·0	77·0	81·0	18·0	63·0	26th	92·7	43·9	14th	48·8
July .	68·4	72·3	74·5	78·1	15·9	62·2	8th	89·1	34·9	12th	54·2
August .	65·6	68·4	70·4	73·3	12·6	60·7	5th	79·8	24·2	12th & 23rd.	55·6
September .	66·1	70·6*	72·1*	75·9	15·9	60·0*	12th	79·2	22·7	20th	56·5
October .	57·1	62·5	62·2†	68·1	16·2	51·9	9th	74·6	34·5	28th	40·1
November .	47·5	54·1	51·3	58·5	14·8	43·7	2nd	68·5	36·0	25th	32·5
December .	43·1	49·4	47·1	54·0	15·0	39·0	19th	66·8	38·4	30th	28·7
Year .	55·7	60·6	60·9	65·7	15·2	50·5	...	92·7	69·2	...	23·5

* Mean of 29 days.
† " " 30 "

11. RAWALPINDI (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January .	46·7	50·7	57·6	60·9	25·1	35·8	4th	68·8	41·9	5th	26·9
February .	51·4	54·3	61·0	63·9	22·1	41·8	29th	77·5	43·6	16th & 17th.	33·9
March .	65·5	71·8	78·2	81·8	29·1	52·7	29th	88·0	45·0	16th	43·0
April .	72·8	79·5	85·5	88·6	28·6	60·0	17th	98·9	52·8	8th	46·1
May .	83·8	93·7	98·2	101·4	32·0	69·4	28th	114·0	60·5	2nd	53·5
June .	87·8	94·3	100·9	103·0	28·4	74·6	27th	115·3	51·9	16th	63·4
July .	87·7	91·2	96·0	99·7	20·4	79·3	8th	110·4	41·2	21st	69·2
August .	83·8	86·2	90·9	93·3	16·7	76·6	15th	103·1	33·4	27th	69·7
September .	81·9	88·8	94·2	96·7	27·1	69·6	12th	99·7	35·5	17th & 28th.	64·2
October .	70·6	78·7	83·9	88·1	30·9	57·2	9th	94·4	47·4	31st	47·0
November .	59·8	67·0	71·7	76·4	28·6	47·8	1st	85·8	50·9	30th	34·9
December .	49·7	56·0	62·4	67·2	30·2	37·0	19th	73·0	41·9	31st	31·1
Year .	70·1	76·0	81·7	85·1	26·6	58·5	...	115·3	88·4	...	26·9

12. SIALKOT (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January .	50·9	52·5	62·3	65·7	26·2	39·5	11th & 12th.	70·7	38·2	7th	32·5
February .	55·4	57·2	65·3	68·4	22·9	45·5	29th	78·2	39·1	16th	39·1
March .	69·1	74·5	81·7	85·3	28·9	56·4	30th	92·6	42·3	17th	50·3
April .	79·8	86·3	94·1	97·0	31·6	65·4	18th	107·5	54·2	8th & 9th	53·3
May .	88·4	95·5	102·4	105·2	30·9	74·3	22nd	115·9	53·2	2nd	62·7
June .	90·7	97·3	103·9	106·5	29·0	77·5	26th	115·9	46·8	8th, 10th & 15th.	69·1
July .	86·4	90·0	96·2	99·3	22·8	76·5	18th	110·1	41·0	13th & 30th.	69·1
August .	83·3	87·0	91·9	94·6	20·0	74·6	15th	104·0	37·8	23rd.	66·2
September .	84·9	89·2	97·0	98·9	26·1	72·8	13th	102·5	33·4	17th, 20th, 28th & 29th.	69·1
October .	74·0	80·2	87·5	91·2	30·8	60·4*	1st & 2nd	98·1	45·8	30th	52·3
November .	64·5	69·2	77·2	80·6	28·8	51·8	3rd	88·1	48·0	30th	40·1
December .	54·4	57·1	67·4	70·1	28·8	41·3	15th	74·2	44·3	11th	32·9
Year .	73·5	78·0	85·6	88·6	27·2	61·3	...	115·9	83·4	...	32·3

* Mean of 27 days.

13. LAHORE (*corrected*).

Month.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	51·8	41·4	55·9	63·7	46·3	65·5	28·0	37·5	12th	72·3	41·1	2nd, 6th & 7th.	31·2
February	56·9	47·4	60·3	67·1	52·7	68·6	24·3	44·3	29th	81·0	43·0	17th	38·0
March	73·2	60·4	78·7	86·8	66·7	88·5*	31·8	56·7	30th	95·6	46·1	18th	49·5
April	82·8	68·7	89·5	95·3	77·8	98·0	32·8	65·2	18th	106·8	54·0	9th	52·8
May	90·4	76·3	96·9	103·8	84·6	105·5	32·6	72·9	27th	115·4	52·9	6th	62·5
June	92·9	81·6	96·7	103·8	89·4	106·0	27·2	78·8	24th	113·4	44·5	16th	68·9
July	89·9	83·5	91·2	98·0	86·7	99·5	18·4	81·1	9th	111·1	40·2	2nd	70·9
August	87·5	81·5	89·8	93·8	84·9	96·5	16·8	79·7	15th	108·1	37·2	23rd	70·9
September	85·0	73·6	90·5	97·2	78·7	98·8	27·2	71·6	13th	104·1	37·1	29th & 30th.	67·0
October	75·6	62·7	83·0	88·8	67·9	91·4	32·1	59·3	1st	98·4	48·4	29th	50·0
November	65·1	52·5	72·0	78·6	57·2	81·5	32·3	49·2	2nd	88·9	51·9	30th	37·0
December	55·8	43·6	69·9	70·2	48·4	72·4	32·8	39·6	18th	78·2	45·0	28th	33·2
Year	75·6	64·4	80·5	87·3	70·1	89·4	28·0	61·3	...	115·4	84·2	...	31·2

* Mean of 30 days.

14. LUDHIANA (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	51·6	54·7	62·5	65·0	24·3	40·7	12th	72·7	37·4	6th & 11th.	35·3
February	57·6	61·0	68·1	70·8	23·7	47·1	25th	82·7	41·6	18th	41·1
March	72·8	78·4	86·8	90·5	31·8	58·7	30th	99·4	48·0	3rd	51·4
April	82·9	90·9	97·1	100·8	32·1	68·7	27th	107·6	50·9	5th	56·7
May	90·0	96·9	103·6	107·3	30·9	76·4	16th	116·2	48·1	4th	68·1
June	90·5	95·0	101·2	105·7	26·0	79·7	25th & 28th.	112·8	43·1	2nd	69·7
July	85·9	87·5	92·9	96·7	17·8	78·9	18th	106·2	34·3	2nd & 12th.	71·9
August	84·4	86·6	90·5	95·6	17·3	78·3	14th	100·2	27·7	8th	72·5
September	82·2	86·0	91·4	95·1	22·1	73·0	16th	102·6	34·9	20th & 21st.	67·7
October	74·1	80·5	86·0	91·3	29·2	62·1	11th	95·4	40·5	30th	54·9
November	64·4	70·9	75·9	80·8	28·0	52·8	3rd	86·3	43·8	29th & 30th.	42·5
December	55·3	59·8	67·5	71·5	28·5	43·0	13th	75·3	38·8	29th	36·5
Year	74·3	79·0	85·3	89·3	26·0	63·3	...	116·2	80·9	...	35·3

15. CHAMBA (*corrected*).

Month.	Mean.	4 hours.	6 hours.	10 hours.	16 hours.	22 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	46·4	40·4	Hour of observation changed from April 1st.	46·4	54·0	44·8	59·1	20·1	39·0	11th	69·2	37·2	26th	32·0
February	50·7	44·7*		49·8	59·1	49·1	61·6	18·8	42·8	25th	73·4	35·6	14th	37·6
March	63·3	55·0		Observed practically at 6 A.M.	73·9	60·9	76·2	23·7	52·5	20th & 29th.	82·8	38·4	26th	44·4
April	69·6			59·6	71·0	80·8	66·8	83·5	24·7	58·8	18th	95·5	46·9	8th
May	75·3			64·5	77·7	86·7	72·3	90·5	27·0	63·5	23rd	103·7	51·5	4th
June	78·8			68·6	81·8	88·8	75·8	94·1	26·5	67·6	21st	106·1	46·0	8th
July	78·4			72·9	79·8	83·8	77·0	87·7	16·0	71·7	4th	95·2	29·0	5th
August	76·6			71·6	77·8	81·7	75·1	84·1	13·2	70·9	15th	87·4	20·9	24th
September	74·5			66·3	77·1	82·9	71·6	85·9	20·3	65·6	24th	89·2	27·4	29th
October	64·8			55·5	67·4	74·8	61·5	81·1†	26·9	54·2	1st	86·6	39·6	30th
November	56·0			48·5	58·7	63·2	53·5	70·6	23·5	47·1	1st	79·2	43·7	26th
December	50·8			43·9	51·9	58·7	48·8	66·3	24·0	42·3	18th	75·8	37·7	2nd
Year	65·4	?	?	66·9	74·0	63·1	78·4	22·1	56·3	...	106·1	74·1	...	32·0

16. KAILANG (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	22·3	26·7	29·9	35·1	20·4	14·7	11th	50·7	48·9	28th	1·8
February	21·5	27·5	29·1	34·0	20·2	13·8	20th	42·9	42·7	16th	0·2
March	31·5	36·8	40·0	43·3	20·4	22·5	20th	51·7	44·7	27th	7·0
April	40·7	45·8	48·4	53·0	20·0	33·0	21st	63·2	36·9	5th	26·3
May	45·0	51·7	53·3	60·3	23·6	36·7	27th	72·7	46·7	5th	26·0
June	51·6	58·8	61·9	67·7	26·4	41·3	28th	79·0	46·0	14th	33·0
July	60·0	65·0	68·9	73·0	21·9	51·1	25th	79·4	34·3	4th	45·1
August	59·7	65·9	69·4	74·5	24·5	50·0	15th	82·0	37·9	18th & 31st.	44·1
September	51·4	60·2	62·0	67·6	26·9	40·7	12th & 13th.	76·5	44·0	21st	32·5
October	40·1	46·8	50·1	56·2	26·2	30·0	1st	64·8	40·8	5th	24·0
November	32·2	38·4	40·0	46·8	22·5	24·3	9th	57·0	55·7	28th	1·3
December	18·9	24·1	25·7	33·9	21·8	12·1	18th	42·5	42·0	1st & 2nd.	0·5
Year	39·6	45·6	48·2	53·8	22·9	30·9	...	82·0	81·8	...	0·2

? Mean of 28 days. † Mean of 30 days.

17. SIMLA (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	37·8	40·2	42·8	46·2	13·4	32·8	10th	60·1	39·0	27th	21·1
February	40·8	43·2	45·6	49·1	13·1	36·0	23rd	60·1	30·9	9th	29·2
March	54·2	56·1	61·1	63·8	16·5	47·3	29th	72·5	37·8	13th	34·7
April	60·6	63·3	68·2	71·7	18·7	53·0	18th	79·1	36·1	8th	43·0
May	66·1	68·1	74·0	77·0	18·8	58·2	12th & 22nd.	86·7	41·2	4th & 5th.	45·5
June	66·5	68·1	73·7	76·4	17·2	59·2	24th	84·5	35·5	8th	49·0
July	64·3	62·8	67·9	70·7	10·0	60·7	7th	76·6	21·3	1st	55·3
August	63·2	64·6	66·6	70·0	10·2	59·8	8th	77·1	20·6	24th	56·5
September	61·1	62·9	66·4	68·8	13·1	55·7	11th	73·7	21·3	20th	52·4
October	56·2	58·6	62·8	66·0	16·4	49·6	1st	70·2	28·7	29th	41·5
November	48·4	51·0	53·8	58·0	15·1	42·9	15th	65·7	33·5	29th	32·2
December	47·6	50·0	54·0	56·5	15·4	41·1	18th	68·9	36·9	1st	32·0
Year	55·6	57·4	61·4	64·5	14·8	49·7	...	86·7	65·6	...	21·1

18. DELHI (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	56·0	57·1	65·5	68·2	21·8	46·4	10th	78·1	36·7	2nd	41·4
February	61·4	64·8	70·0	72·5	19·7	52·8	29th	81·1	33·0	1st & 2nd	48·1
March	76·4	80·7	88·1	89·8	25·1	64·7	30th	100·1	43·9	1st	56·1
April	86·6	91·7	98·2	101·1	26·1	75·0	28th	109·0	43·9	9th	65·1
May	90·8	95·4	101·2	105·3	24·9	80·4	25th	115·0	43·9	1st, 2nd 4th & 5th.	71·1
June	92·8	94·2	102·0	104·8	21·2	83·6	23rd & 25th	114·0	44·4	8th	69·6
July	86·5	88·0	92·1	94·2	13·4	80·8	7th	102·0	25·9	2nd & 28th.	76·1
August	84·1	84·9	89·3	91·1	12·3	78·8	4th	96·0	19·9	23rd & 29th.	76·1
September	82·4	84·3	89·5	91·4	16·2	75·2	11th	99·5	28·9	19th	70·6
October	77·8	81·0	88·4	90·4	23·3	67·1	9th to 13th.	94·0	34·4	31st	59·6
November	70·9	71·6	84·7	87·1	30·0	57·1	5th, 6th, 8th, 14th, 15th, 19th, 20th, 23rd, 24th & 30th.	91·3	43·0	30th	48·3
December	59·5	59·9	73·7	75·1	29·8	45·3	14th	79·1	37·0	24th, 28th, 29th & 31st.	42·1
Year	77·1	79·5	86·9	89·2	22·0	67·3	...	115·0	73·6	...	41·4

19. SIRSA (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	52·7	54·8	64·7	66·7	26·1	40·6	11th	77·2	42·1	2nd	35·1
February	58·9	62·3	71·5	74·1	27·8	46·3	25th	85·5	44·9	17th	40·6
March	75·4	81·0	90·8	92·9	32·9	60·0	30th	101·2	49·9	1st	51·3
April	84·6	92·5	99·7	102·5	33·0	69·5	17th	110·5	54·2	8th	56·3
May	92·0	100·3	105·9	108·9	30·8	78·1	27th	118·3	57·7	4th	60·6
June	93·4	96·8*	104·3	107·2	24·8	82·4*	11th	111·1	41·9	5th	69·2
July	89·8	91·2	97·8	101·9	20·1	81·8	9th	112·2	38·9	4th	73·3
August	87·8	89·9	96·3	99·0	19·7	79·3	10th	106·6	32·2	23rd	74·4
September	86·4	90·3	98·6	100·9	26·8	74·1	13th	106·7	40·2	21st	66·5
October	77·3	84·3	92·2	95·1	32·7	62·4	13th	101·1	46·9	31st	54·2
November	66·4	74·5	81·7	84·9	33·9	51·0	4th	92·0	52·7	30th	39·3
December	57·1	62·2	73·0	75·8	34·6	41·2	13th	81·9	47·9	29th	34·0
Year	76·8	81·7	89·7	92·5	28·6	63·9	...	118·3	84·3	...	34·0

20. CHAKRATA (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	39·6	42·6	41·8	47·5†	14·0	33·5	10th & 11th.	58·3	35·2	29th	23·1
February	42·7	45·0	46·7	50·9	15·4	35·5	25th	63·3	36·8	10th	27·0
March	55·5	59·7	60·7	65·8	18·4	47·4	29th	74·3	38·4	13th	35·9
April	63·3	67·9	69·1	72·9	18·8	54·1	18th	80·8	33·9	5th	46·9
May	65·7	70·1	70·6	76·8	19·8	57·0	15th	84·3	38·1	1st & 5th.	46·2
June	67·5	70·1	72·0	76·5	16·8	59·7	25th	87·3	39·6	8th	47·7
July	64·2	65·4	66·2	69·3	8·6	60·7	6th	78·5	20·4	13th	58·1
August	64·6	67·3	65·2	70·3	10·6	59·7	8th & 22nd.	73·8	16·7	22rd	57·1
September	61·7	64·6	63·3	67·4	11·1	56·3	10th	73·3	21·5	19th	51·8
October	57·7	62·1	61·3	65·4	14·9	50·5	6th	69·7	26·3	28th	43·4
November	48·7	52·4	51·0	56·6	13·6	43·0	20th	65·2	32·9	27th	32·4
December	47·9	51·1	50·6	56·2	14·6	41·6	20th	67·8	36·4	1st	31·4
Year	56·6	59·9	59·9	64·6	14·7	49·9	...	87·3	64·2	...	23·1

* Mean of 29 days.

† Mean of 30 days.

21. MUSSOOREE (TRIGONOMETRICAL SURVEY OFFICE) (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January .	38·6	42·0	39·3	44·2	10·4	33·8	11th	56·3	32·3	29th	24·0
February .	42·5	45·3	44·8	48·7	11·8	36·9	29th	61·8	32·8	13th	29·0
March . .	55·5	58·9	59·4	62·7	13·6	49·1	21st	70·4	33·4	13th	37·0
April . .	63·7	67·1	69·0	72·9	17·1	55·8	17th	79·1	30·0	5th	49·1
May . .	66·6	69·9	72·0	76·2	17·6	58·6	15th	84·2	37·9	2nd	46·3
June . .	68·2	70·5	73·6	77·7	17·9	59·8	26th	86·3	38·3	8th	48·0
July . .	63·7	64·7	65·8	68·7	8·4	60·3	3rd	73·3	15·3	3rd	58·0
August .	64·0	65·4	65·2	69·2	9·2	60·0	16th	72·5	15·5	20th	57·0
September .	61·4	63·5	63·0	66·1	9·3	56·8	16th	70·5	18·5	19th	52·0
October .	56·9	60·9	59·1	63·5	12·3	51·2	7th	68·0	25·0	28th	43·0
November .	48·1	52·2	48·8	54·6	10·9	43·7	15th	64·3	32·3	27th	32·0
December .	46·5	50·5*	47·3†	52·4†	10·9	41·5*	20th	64·5	33·5	1st	31·0
Year . .	56·3	59·2	58·9	63·1	12·5	50·6	...	86·3	62·3	...	24·0

22. DEHRA (*corrected*).

Month.	Mean.	9·30 hours.	15·30 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January .	50·8	49·9	60·3	62·8	20·7	42·1	11th	69·4	34·7	29th	34·7
February .	55·6	55·9	65·6	67·7‡	21·1	46·6	28th	79·2	38·6	18th & 19th.	40·6
March . .	69·2	72·0	80·5	83·4§	25·8	57·6	29th	90·7	37·5	13th	53·2
April . .	78·6	81·5	90·4	93·0	28·3	64·7	18th	99·7	46·5	9th	53·2
May . .	82·6	86·0	94·0	96·6	26·3	70·3	15th	104·0	43·0	5th	61·0
June . .	84·8	85·9	95·0	97·6	23·6	74·0	25th	106·7	42·0	8th	64·7
July . .	77·4	77·4	81·5	84·1	10·5	73·6	7th	91·7	21·8	1st	69·9
August .	77·0	78·7	80·0	85·2	12·1	73·0	11th	89·0	19·6	18th	69·4
September .	75·6	77·1	80·8	83·7	13·9	69·8	16th	89·9	24·4	19th	65·5
October .	68·8	72·4	77·3	81·9	22·6	59·3	1st & 2nd	85·6	31·9	29th & 30th.	53·7
November .	61·5	64·5	69·5	74·8	21·6	53·2	1st	80·0	36·1	30th	43·9
December .	55·3	57·1	65·2	70·4	25·4	45·0	28th .	73·5	32·9	31st	40·6
Year . .	69·8	71·5	78·3	81·8	21·0	60·8	...	106·7	72·0	...	34·7

* Mean of 29 days. † Mean of 28 days. ‡ Mean of 27 days. § Mean of 30 days.

23. ROORKEE (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January .	53·8	55·3	64·5	67·2	25·7	41·5	13th	74·8	40·0	20th	34·8
February .	59·1	60·7	69·6	71·8	23·4	48·4*	26th	81·1	41·7	17th	39·4
March . .	73·2	76·6	86·8	88·2	31·2	57·0	31st	97·1	48·9	5th	48·2
April . .	83·9	89·2	96·7	99·4	32·6	66·8	18th	107·1	52·7	9th	54·4
May . .	88·9	92·8	102·0	104·1	29·5	74·6	16th	112·6	46·9	8th	65·7
June . .	91·3	93·2	102·4	104·7	25·6	79·1	22nd	112·4	43·2	7th & 8th	69·2
July . .	83·6	84·1	88·9	91·2	13·0	78·2	3rd	100·4	28·3	8th	72·1
August .	83·0	84·1	88·7	91·0	13·8	77·2	2nd	96·6	22·5	16th & 17th.	74·1
September .	80·5	82·5	86·6	88·7	15·5	73·2	16th	98·6	30·9	19th	67·7
October .	73·3	77·4	84·3	86·7	25·6	61·1	1st to 3rd	91·1	39·3	31st	51·8
November .	65·1	69·7	75·2	78·4	24·9	53·5	1st to 4th	83·6	36·4	30th	47·2
December .	56·1	58·2	68·0	70·8	27·1	43·7	14th & 22nd.	74·3	37·4	29th	36·9
Year . .	74·3	77·0	84·5	86·9	24·0	62·9	...	112·6	77·8	...	34·8

24. RANIKHET (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January .	42·2	44·0	47·2	51·7	15·4	36·3	11th	63·2	37·7	29th	25·5
February .	46·8	47·7	51·4	55·6	15·3	40·3	29th	68·1	39·1	10th	29·0
March . .	58·7	61·2	64·0	68·6	17·1	51·5	30th	77·0	38·5	13th	38·5
April . .	67·1	70·7	71·7	76·4	18·0	58·4	17th	83·0	31·5	9th	51·5
May . .	68·5	72·5	74·0	78·7	19·6	59·1	22nd	85·5	37·0	2nd	48·5
June . .	71·7	74·5	77·2	80·6	16·5	64·1	26th	89·1	36·8	8th	52·3
July . .	67·0	68·3	69·9	73·0	10·2	62·8	1st	78·5	23·0	13th	55·5
August .	67·1	69·1	69·8	73·1	11·0	62·1	10th	77·5	18·0	22nd, 25th & 27th.	59·5
September .	64·2	66·3	67·6	70·8	12·0	58·8	6th	75·5	19·8	18th	55·7
October .	60·6	64·8	65·7	69·3	15·6	53·7	3rd	73·0	27·5	29th	45·5
November .	53·3	56·6	57·5	61·2	15·5	45·7	20th	70·0	35·7	30th	34·3
December .	50·7	53·9	55·5	59·4	16·2	43·2	20th	69·1	32·8	1st	36·3
Year . .	59·8	62·5	64·3	68·2	15·2	53·0	...	89·1	63·6	...	25·5

* Mean of 28 days.

25. PITHORAGARH (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	45·8	47·8	52·4	55·1	17·1	38·0	11th	65·6	34·8	29th	30·8
February	50·4	51·5	57·0	59·2	17·3	41·9	29th	71·1	39·0	10th	32·1
March	62·3	65·1	70·2	72·2	19·9	52·3	22nd & 23rd.	78·5	34·6	14th	43·9
April	70·5	73·7	77·8	80·5	21·2	59·3	18th	86·9	33·8	25th	53·1
May	70·2	73·3	77·8	81·3	21·7	59·6	15th	88·9	36·9	2nd	52·0
June	74·2	77·2	80·7*	84·0	18·7	65·3	24th	93·0	36·5	2nd	56·5
July	71·6	72·4	75·9	78·5	11·9	66·6	3rd	83·1	19·8	13th	63·3
August	71·1	72·5	75·0	78·1	12·7	65·4	2nd	82·5	19·9	22nd	62·6
September	68·0	68·8	73·7	75·5	13·9	61·6	16th	80·7	23·8	28th	56·9
October	63·6	66·4	72·0	73·0	17·8	55·2	7th	76·3	26·6	30th	49·7
November	56·6	58·4	64·3	66·1	19·1	47·0	20th	73·0	37·4	30th	35·6
December	52·7	54·5	61·5	64·2	21·5	42·7	28th	70·7	33·9	2nd	36·8
Year	63·1	65·1	69·9	72·3	17·7	54·6	...	93·0	62·2	...	30·8

* Mean of 29 days.

26. MEERUT (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	53·9	55·2	63·4	66·4	24·0	42·4	13th	74·2	36·2	20th	38·0
February	61·0	63·0	70·7	73·2	24·0	49·2	19th, 27th, & 29th.	80·2	36·6	1st	43·6
March	75·0	79·8	86·3	88·6	28·8	59·8	30th	97·5	46·4	1st & 2nd.	51·1
April	84·8	91·3	96·9	99·9	31·8	68·1	22nd	106·4	48·9	8th & 9th.	57·5
May	89·2	93·7	100·7	103·9	28·8	75·1	22nd	112·2	46·2	4th, 5th, 7th & 8th.	66·0
June	91·6	93·6	100·8	103·2	22·7	80·5	24th	110·2	43·0	8th	67·2
July	84·8	85·2	88·9	91·4	12·5	78·9	17th & 18th.	98·3	24·4	1st & 2nd.	73·9
August	83·5	84·6	87·4	90·0	12·5	77·5	2nd	95·0	20·6	22nd	74·4
September	80·8	82·7	87·3	89·2	15·9	73·3	16th	96·3	27·3	29th, 28th to 30th.	69·0
October	74·2	78·4	84·9	87·6	25·3	62·3	2nd & 3rd.	92·3	38·2	31st	54·*
November	65·4	69·0	75·5	79·6	26·3	53·3	3rd	84·4	41·3	29th	43·1
December	57·0	59·1	68·5	72·0	28·5	43·5	14th & 23rd.	75·2	36·7	29th	38·5
Year	75·1	78·0	84·3	87·1	23·4	63·7	...	112·2	74·2	...	38·0

27. BAREILLY (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	55·9	58·4	65·8	68·0	24·5	43·5	10th, 11th & 13th.	74·1	36·9	20th	37·2
February	62·2	63·8	72·9	75·3	24·8	50·5	26th & 27th.	83·9	40·2	16th	43·7
March	75·2	80·2	87·9	90·4	30·1	60·3	30th	99·1	49·4	1st	49·7
April	85·6	90·8	98·9	101·3	31·6	69·7*	18th	107·7	50·0	9th	57·7
May	89·0	93·3	101·9	104·8	28·8	76·0	21st	111·4	44·2	9th	67·2
June	91·8	93·5†	102·4†	104·3‡	22·6	81·7‡	21st	112·7	43·8	8th	68·9
July	82·9	84·3	86·7	90·6	12·2	78·4	3rd	98·6	24·7	25th	73·9
August	82·5	84·7	86·3	89·8	11·7	78·1	2nd	94·4	19·8	31st	74·6
September	80·5	82·5	85·1	88·3	13·3	75·0	16th	94·7	24·8	29th	69·9
October	75·2	79·4	85·9	88·3	23·7	64·6	3rd	92·5	36·9	31st	55·6
November	66·5	70·3	77·9	80·8	25·7	55·1	1st	86·4	41·7	30th	44·7
December	57·3	59·4	71·1	72·9	28·1	44·8	15th	76·3	35·0	26th	41·3
Year	75·4	78·4	85·2	87·9	23·1	64·8	...	112·7	75·5	...	37·2

28. AGRA (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	58·2	58·6	68·2	69·5	23·7	45·8	12th	77·1	37·6	10th	39·5
February	65·3	66·8	75·6	76·8	24·0	52·8	29th	85·8	40·2	16th	45·6
March	80·7	83·2	92·2	93·6	28·6	65·0	30th	104·0	50·4	1st	53·6
April	91·1	94·4	102·5	103·9	29·2	74·7	17th & 28th.	109·7	46·1	9th	63·6
May	95·9	99·1‡	106·6‡	108·6‡	28·3	80·3‡	24th	116·3	45·6	6th	70·7
June	96·2	98·4	105·6	108·0	22·9	85·1	21st	115·6	39·1	1st, & 8th.	76·5
July	86·1	86·8	89·7	92·8	12·9	79·9	2nd	105·4	29·9	5th	75·5
August	84·3	85·3	87·3	89·2	11·3	77·9	2nd, 9th & 12th.	93·7	18·7	22nd & 24th.	75·0
September	84·0	86·4	88·7	91·3	16·4	74·9	12th	97·4	28·4	19th	69·0
October	80·4	84·9	90·6	92·0	25·5	66·5	10th	95·4	36·8	31st	58·6
November	72·0	76·4	82·0	84·0	26·4	57·6	3rd	88·5	43·8	30th	44·7
December	62·2	65·8	74·9	76·2	30·2	46·0	14th	80·5	39·2	3rd	41·4
Year	79·7	82·2	88·7	90·5	23·3	67·2	...	116·3	76·8	...	39·5

* Mean of 29 days. † Mean of 26 days. ‡ Mean of 27 days.

29. LUCKNOW (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	58·5	60·6	67·7	70·7	26·0	44·7	14th	79·2	43·2	12th	36·0
February	65·4	67·8	75·8	78·2	25·5	52·7	29th	86·3	41·3	12th	45·0
March	78·2	82·4	91·2	92·9	30·9	62·0	31st	103·3	51·3	2nd	52·0
April	88·1	92·7	100·9	103·8	31·3	72·5	18th	108·8	43·9	1st & 9th	64·9
May	92·2	95·8	104·5	106·7	30·4	76·3	15th, 21st & 22nd.	112·3	46·4	6th & 9th	65·9
June	94·2	96·0	103·5	105·0	22·5	82·5	21st & 22nd to 25th.	112·3	43·4	1st	68·9
July	83·5	84·4	87·3	90·1	11·3	78·8	16th	97·3	22·5	25th	74·8
August	82·7	84·4	85·5	89·7	11·5	78·2	20th	97·3	23·5	28th	73·8
September	82·2	84·6	86·2	89·5	13·7	75·8	5th, 13th, 15th, 16th & 18th.	93·3	20·0	24th & 27th.	73·3
October	78·1	83·9	88·8	91·9	27·3	64·6	3rd	95·3	40·8	31st	54·5
November	69·2	75·5	80·4	83·4	28·9	54·5	1st to 3rd	88·3	45·3	30th	43·0
December	59·9	65·5	71·6	74·9	31·3	43·6	15th	79·2	40·3	13th, & 30th.	38·9
Year	77·7	81·1	87·0	89·7	24·2	65·5	...	112·3	76·3	...	36·0

30. GORAKHPUR (*corrected*).

Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
57·4	61·1	66·2	69·5	21·9	47·6	9th	74·3	31·6	20th	42·7
64·8	68·9	74·5	77·2	24·0	53·2	27th	86·8	39·2	17th & 19th.	47·6
77·5	81·6	88·8	91·4	28·5	62·9	26th	98·8	42·8	1st	56·0
85·9	89·5	96·8	98·7	25·8	72·9	17th	105·8	39·3	30th	66·5
89·1	92·5	98·3	100·4	23·4	77·0	15th	106·8	36·3	9th	70·5
91·0	92·5	99·6	101·4	20·6	80·8	19th	110·8	39·3	1st	71·5
83·3	84·6	86·5	88·8	9·2	79·6	16th	95·6	19·1	17th	76·5
83·6	84·7	86·7	89·3	10·3	79·0	10th & 16th.	93·8	19·8	23rd	74·0
73·3	82·7	84·3	85·4	88·2	10·4	77·8	15th	92·8	18·3	20th	74·5
54·5	79·7	84·3	86·3	89·6	19·9	69·7	3rd	92·8	29·3	31st	63·5
43·0	69·1	75·5	77·1	80·9	22·3	58·6	1st	86·4	32·9	30th	53·5
38·9	61·4	67·2	69·9	73·3	24·8	48·5	19th	76·8	33·2	13th	43·6
36·0	77·1	80·6	84·7	87·4	20·1	67·3	...	110·8	68·1	...	42·7

31. JHANSI (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	60·5	63·0	68·8	74·4	25·7	48·7	13th	81·4	38·5	29th	42·9
February	66·9	69·1	76·4	80·7	24·8	55·9	19th & 20th.	90·4	40·5	6th	49·9
March	81·7	85·3	92·3	96·1	27·7	68·4	30th & 31st.	105·5	48·6	1st	56·9
April	92·3	97·4	101·7	106·0	26·8	79·2	18th	111·0	40·6	5th	70·4
May	97·4	102·0	106·2	110·3	25·4	84·9	27th	117·5	44·1	7th	73·4
June	94·5	98·9	102·8	107·2	21·6	85·6	21st	114·5	36·1	14th	78·4
July	82·5	83·4	85·9	89·9	11·5	78·4	1st, and 4th.	99·5	26·1	29th	73·4
August	79·7	80·8	82·3	85·4	9·5	75·9	1st	90·4	16·5	14th	73·9
September	81·9	85·9	86·2	91·8	16·6	75·2	29th	96·5	24·1	20th	72·4
October	81·0	86·4	88·8	95·7	26·5	69·2	12th	99·5	38·6	31st	60·9
November	72·9	78·1	80·3	86·6	27·1	59·5	3rd & 4th.	91·4	42·5	30th	48·9
December	64·8	69·9	74·8	80·5	29·8	50·7	15th	84·4	37·5	4th	46·9
Year	79·7	83·4	87·2	92·1	22·8	69·3	...	117·5	74·6	...	42·9

32. ALLAHABAD. (*corrected*).

Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
57·5	47·9	60·9	68·8	53·8	70·1	24·4	45·7	14th	79·3	40·7	8th & 12th.	38·6
65·9	55·1	70·0	78·1	61·5	79·1	26·2	52·9	20th	89·2	42·5	9th	46·7
79·6	65·0	85·9	94·4	75·3	95·1	31·4	63·7	31st	104·9	55·3	1st	49·6
89·3	74·9	95·1	103·5	84·9	105·0	31·5	73·5	18th	110·8	45·5	6th	65·3
94·0	80·8	98·3	107·3	90·4	108·5	29·2	79·3	22nd	114·8	44·9	9th	69·9
94·9	86·3	97·5	104·8	91·6	106·4	21·7	84·7	23rd	114·5	41·9	1st	72·6
83·2	79·8	84·4	86·6	81·9	89·6	11·2	78·4	13th	97·1	22·4	29th	74·7
73·9	82·0	79·0	83·7	84·9	88·4	10·6	77·8	10th	94·2	20·7	31st	73·5
72·4	81·9	76·9	84·7	87·0	79·3	90·1	14·1	76·0	30th	94·6	22·8	29th	71·8
60·9	78·3	67·3	84·5	91·2	72·5	92·4	26·4	66·0	4th	95·0	38·9	31st	56·1
48·9	68·8	58·3	75·4	81·7	63·6	83·8	27·1	56·7	1st	88·2	43·5	30th	45·7
46·9	59·1	47·0	65·3	73·5	53·8	75·8	30·9	44·9*	16th	78·4	36·9	27th	41·5
42·9	77·9	68·2	82·1	88·5	74·1	90·4	23·7	66·6	...	114·8	76·2	...	38·6

* Mean of 30 days.

33. BENARES (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	58·5	60·8	68·3	69·9	23·0	46·9	14th	78·3	38·0	13th	40·3	59·6	62·9	67·0	67·8	19·0	48·8	14th	74·9	30·5	13th & 21st.	44·4
February	66·1	69·3	78·6	80·2	27·5	52·7	27th	89·1	46·5	1st	42·6	67·1	70·5	76·3	77·0	22·5	54·5	27th	87·3	38·5	9th & 10th.	48·8
March	79·1	84·4	94·0	95·6	32·9	62·7	31st	105·2	51·7	2nd	53·5	80·4	85·2	91·4	92·4	27·8	64·6	31st	100·7	48·2	1st	52·5
April	88·4	93·7	102·9	104·6	31·3	73·3	18th	110·1	46·2	6th	63·9	86·6	92·8	99·5	101·0	27·4	73·6	17th	107·7	44·3	10th	63·4
May	92·3	96·3	105·6	107·3	28·8	78·5	22nd	114·0	44·4	29th	69·6	90·8	95·1	103·2	104·4	26·1	78·3	21st	111·6	39·9	8th	71·7
June	93·4	96·1	102·9	104·5	22·0	82·5	23rd	114·5	45·2	1st	69·3	91·9	95·4	100·8	102·0*	19·0	83·0	13th	110·6	42·4	1st	68·2
July	82·9	84·2	86·5	89·2	10·3	78·9	12th	94·3	18·3	24th & 25th.	76·0	82·9	85·2	86·6	88·4	9·2	79·2	15th	94·6	18·3	19th	76·3
August	82·1	83·3	84·8	88·1	10·0	78·1	9th	94·0	20·4	31st	73·6	82·6	84·9	86·9	88·1	9·8	78·3	9th	94·4	21·0	28th	73·4
September	82·3	84·4	87·4	89·7	13·1	76·6	30th	93·6	21·2	30th	72·4	82·2	85·5	86·9	88·4	11·0	77·4	15th	93·5	19·2	30th	74·3
October	78·2	83·8	88·9	91·0	24·6	66·4	3rd	93·6	34·5	31st	59·1	78·1	85·8	86·8	87·9	18·5	69·4	1st	92·4	31·1	19th	61·3
November	69·5	75·2	80·4	82·8	25·9	56·9	1st	86·6	35·1	20th	51·5	69·4	77·3	79·0	80·1	20·3	59·8	13th	85·8	32·3	30th	53·5
December	60·0	65·3	73·1	74·3	28·6	45·7	24th	77·2	34·5	30th	42·7	59·7	68·2	70·7	71·8	23·1	48·7	24th	75·4	31·1	12th	44·3
Year	77·7	81·4	87·8	89·8	23·2	66·6	...	114·5	74·2	...	40·3	77·6	82·4	86·3	87·4	19·5	68·0	...	111·6	67·3	...	44·3

34. GHAZIPUR (*corrected*).

* Mean of 29 days.

35. KATMANDU (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	47·0	48·8	59·9	70·1	36·1	34·0	10th & 12th.	79·2	50·2	19th	29·0	59·3	59·3	67·2	68·0	18·5	49·5	8th	74·7	31·1	11th	43·6
February	51·2	59·3	65·7	75·4	38·7	36·7	26th	86·2	54·2	15th & 16th.	32·0	63·1	62·7	70·7	71·4	17·0	54·4	28th	82·5	38·0	3rd	44·5
March	60·2	68·5	72·8	83·5	36·0	47·5	25th	89·7	47·6	1st	42·1	70·1	70·4	77·2	78·2	16·4	61·8	21st	85·7	30·0	1st & 2nd	55·7
April	64·8	70·3	78·1	88·4	36·9	51·5	17th	97·2	54·6	9th	42·6	73·3	73·6	79·2	80·6	13·8	66·8	4th	88·0	27·1	10th	60·9
May	68·4	74·5	79·8	89·8	32·9	56·9	6th	96·7	50·6	8th & 9th.	46·1	77·8	77·9	83·0	84·1	12·7	71·4	12th & 23rd.	92·1	25·3	8th	66·8
June	72·9	80·6	82·4	92·3	28·9	63·4	21st	100·7	43·0	17th & 19th.	57·7	82·9	83·1	86·8	88·5	11·8	76·7	4th	93·8	20·3	1st & 3rd	73·5
July	73·4	79·4	79·2	90·4	22·8	67·6	5th & 10th	94·7	28·8	6th	65·9	83·5	82·4	88·7	90·2	12·1	78·1	29th	96·4	19·9	1st, 4th & 25th.	76·5
August	73·5	80·2	79·7	90·4	23·1	67·3	5th	96·2	33·5	23rd & 28th.	62·7	83·8	83·1	89·2	90·3	11·9	78·4	20th	94·6	18·6	12th	76·0
September	71·2	77·6	78·4	88·7	24·7	64·0	15th	93·7	37·5	28th	56·2	82·4	82·2	87·5	89·3	12·9	76·4	15th	96·1	23·1	30th	73·0
October	64·5	73·1	76·2	88·8	36·0	52·8	5th	93·2	48·1	31st	45·1	77·3	78·8	83·3	84·9	15·0	69·9	2nd	91·1	27·3	24th	63·8
November	53·9	68·3	65·3	82·9	40·5	42·4	5th & 17th	89·2	53·7	28th	35·5	68·0	69·4	75·8	77·5	18·8	58·7	1st	82·6	29·9	22nd	52·7
December	48·4	52·3	63·0	76·9	43·1	33·8	18th	83·2	53·7	10th	29·5	61·1	61·9	70·1	71·1	22·2	48·9	1st	75·1	31·4	22nd	43·7
Year	62·5	69·4	73·4	84·8	33·3	51·5	...	100·7	71·7	...	29·0	73·6	73·7	79·9	81·2	15·3	65·9	...	96·4	52·8	...	43·6

36. SIBSAGAR (*corrected*).

37. TEZPUR (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	58·6	66·0	66·0	67·5	17·8	49·7	12th	71·6	26·6	31st	45·0
February	61·9	68·8	70·0	70·8	17·8	53·0	29th	79·4	32·9	1st	46·5
March	69·6	76·0	77·2	77·9	16·7	61·2	7th	85·4	28·4	14th	57·0
April	72·8	77·5	78·4	80·6	15·6	65·0*	29th	89·4	30·4	18th	59·0
May	75·5	80·8	82·9	85·1	17·0	68·1	23rd	91·4	25·4	27th	66·0
June	78·6	82·3	83·6	84·6	12·0	72·6*	18th	91·4	22·9	11th	68·5
July	80·8	84·0	85·4	86·5†	11·5	75·0†	27th & 29th	91·4	18·0	1st	73·4
August	80·3	84·8	85·7	86·9†	13·2	73·7	2nd, 4th, 18th to 22nd, 25th & 29th.	89·4	17·0	16th, 24th & 30th.	72·4
September	80·0	83·8	85·5	86·6*	13·3	73·3	4th, 6th & 15th.	91·4	20·0	1st	71·4
October	75·7	82·5	83·1	83·7‡	16·0	67·7	3rd & 5th	87·4	25·4	25th & 26th	62·0
November	69·9	75·8	76·4	82·5*	25·2	57·3	5th, 11th, 13th, 15th, 18th & 21st.	84·4	31·4	22nd to 25th & 28th to 30th.	53·0
December	62·3	69·0	70·4	76·1	27·7	48·4	2nd	82·4	35·4	19th to 31st	47·0
Year	72·2	77·6	78·7	80·7	17·0	63·8	...	91·4	46·4	...	45·0

* Mean of 29 days. † " " 30 " ‡ Mean of 28 days.

38. DHUBRI (*corrected*).

Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
62·6	62·2	72·3	73·7	20·9	52·8	9th	80·3	33·8	30th	46·5
66·8	66·8	77·5	78·7	22·7	56·0	28th	86·9	37·6	1st	49·3
74·9	76·0	84·1	85·2	19·5	65·7	25th	93·3	34·4	1st	58·9
78·1	78·6	85·9	86·9	16·7	70·2	7th	99·4	35·9	26th	63·5
78·3	79·2	84·3†	85·5	13·3	72·2	12th	91·4	28·2	7th	63·2
79·7	81·0	84·4	86·0	11·1	74·9	13th & 18th	91·4	20·3	21st	71·1
81·0	82·3	84·2	85·9	8·2	77·7	16th	90·0	15·9	13th	74·1
81·1	82·7	84·4	87·1	9·3	77·8	7th	90·6	15·9	21st	74·7
81·1	82·3	84·8	87·4	10·1	77·3	15th	90·9	15·3	9th & 28th	75·6
78·5	80·4	84·6	86·3	13·0	72·4	5th	88·2	20·3	20th	67·9
70·6	71·8	78·4	80·1	17·3	62·8	10th	84·6	26·7	30th	57·9
64·1	64·6	73·5	75·3	20·6	54·7	1st	77·5	24·3	4th & 14th	53·2
74·7	75·7	81·5	83·2	15·3	67·9	...	99·4	52·9	...	46·5

39. TURA (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range	Lowest Minimum. Day.	°
January	55·4	63·6	67·8	71·4	?	Untrustworthy.	10th	76·6	?	?	Untrustworthy.
February	59·4	67·6	73·0	75·7	?		26th	84·4	?	?	
March	66·1	76·0*	78·3*	83·3‡	?		6th	89·7	?	?	
April	74·0	83·6†	87·1†	87·5	?		6th	98·6	?	?	
May	Not recorded.			85·0	?		12th	90·0	?	?	
June				85·3	?		12th	90·2	?	?	
July				84·4	?		11th	87·0	?	?	
August	72·2	80·3	81·0	84·4	?		10th	87·2	?	?	
September	71·7	79·9	81·0	84·4	?		4th	87·1	?	?	
October	69·0	79·3	79·8	82·8	?		3rd	86·6	?	?	
November	62·8	73·3	74·9	78·1	?		1st	80·9	?	?	
December	57·3	69·3	69·4	72·1	?		18th	75·2	?	?	
Year	?	?	?	81·2	?		...	98·6	?	?	

40. SILCHAR (*corrected*).

Mean.	10 hours.	16 hours	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
63·2	65·7	74·4	76·7	25·8	50·9	10th	83·4	38·4	21st	45·0
67·0	68·8	78·1	79·8	24·1	55·7	27th & 28th.	88·7	41·2	1st	47·5
74·1	76·3	83·0	85·8	21·6	64·2	6th	92·5	37·1	1st	55·4
74·9	78·0	80·2	84·8	17·4	67·4	14th	90·6	46·1	17th	44·5
79·0	80·5	84·9	87·0	14·9	72·1	11th	95·6	29·7	3rd	65·9
80·4	80·9	85·4	88·5	13·4	75·1	4th & 21st.	92·7	22·4	6th	70·3
82·9	85·2	86·5	90·6	13·2	77·4	12th	96·5	21·2	2nd & 30th.	75·3
82·4	84·1	86·3	90·2	13·1	77·1	21st	96·6	21·3	17th	75·3
82·6	84·3	87·6	90·2	13·9	76·3	14th	98·6	24·5	17th	74·1
80·7	83·4	88·4	90·1	18·7	71·4	1st	95·8	29·5	22nd	66·3
73·3	76·8	81·8	84·7	21·7	63·0	1st	90·1	33·7	20th	56·4
66·9	69·3	78·5	80·9	26·6	54·3	14th	84·4	34·0	20th	50·4
75·6	77·8	82·9	85·8	18·7	67·1	...	98·6	54·1	...	44·5

* Mean of 25 days. † " " 21 " ‡ " " 22 "

41. DARJEELING (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January .	37·7	39·9*	39·9†	42·9†	9·4	33·5*	9th	58·8	30·9	29th	27·9
February .	40·0	42·5	43·2†	45·9	11·2	34·7	28th	56·2	30·5	13th	25·7
March .	49·8	51·9	53·0‡	56·6¶	11·5	45·1	25th	64·1	25·7	14th	38·4
April . .	50·9	56·2*	57·6	61·8	12·7	49·1*	17th	68·1	24·4	26th	43·7
May . .	56·9	58·6	60·8*	64·0	12·3	51·7	5th	70·8	22·7	9th	48·1
June . .	59·9	61·2	63·3§	66·6	11·1	55·5	19th	71·5	20·9	27th	50·6
July . .	61·1	62·8	63·2‡	66·2	8·6	57·6	12th	69·8	13·9	4th	55·9
August .	61·0	63·2	63·0*	67·5*	10·8	56·7	16th	71·2	17·6	21st	53·6
September .	59·5	61·5	62·1‡	64·7	9·4	55·3	5th	70·4	19·2	30th	51·2
October .	54·7	57·5	57·5‖	61·3¶	11·9	49·4	4th	68·4	23·1	31st	45·3
November .	47·4	50·9*	50·6*	54·5*	12·9	41·6*	1st	58·8	21·5	15th	37·3
December .	?	46·0*	Imperfect.	49·2‡	12·6	36·6*	19th	58·7	26·6	3rd	32·1
Year . .	?	54·4	?	58·4	11·2	47·2	...	71·5	45·8	...	25·7

* Mean of 29 days. ‡ Mean of 28 days. ‖ Mean of 22 days.
† „ „ 27 „ § „ „ 26 „ ¶ „ „ 30 „

42. PEDONG (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January .	45·9	51·7	50·4	56·0	14·7	41·3	8th	63·6	27·9	30th	35·7
February .	49·4	54·3	55·1	59·6	15·9	43·7	28th	69·1	33·6	10th	35·5
March .	58·1	61·7	64·1¶	68·6	16·6	52·0	25th	75·2	32·9	13th	42·3
April . .	61·8	66·2*	67·8	72·2	16·4	55·8*	17th	79·2	29·2	26th	50·0
May . .	64·8	68·8*	70·6	75·0	16·0	59·0	5th	82·0	26·8	7th	55·2
June . .	68·0	70·2	72·0*	75·3	11·4	63·9	23rd	79·6	20·0	11th	59·6
July . .	67·9	70·1	70·5	73·8¶	8·5	65·3	18th	79·0	18·1	30th	60·9
August .	68·1	70·9	71·4	74·8	10·0	64·8¶	5th	79·6	17·6	24th	62·0
September .	66·3	69·9	69·7	73·9	11·0	62·9	15th	79·5	19·6	30th	59·9
October .	62·3	67·2	66·7†	73·5†	15·6	57·9¶	2nd & 3rd.	76·6	23·5	31st	53·1
November .	54·2	59·9	59·3†	65·0	16·0	49·0†	1st	70·5	26·5	30th	44·0
December .	49·4	54·6*	54·8‖	59·7	15·7	44·0¶	20th	66·1	26·1	3rd	40·0
Year . .	59·7	63·8	64·4	69·0	14·0	55·0	...	82·0	46·5	...	35·5

43. MONGPOO (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January .	52·4	Not recorded.		57·5	10·3	47·2	9th	63·5	21·0	30th	42·5
February .	54·8			60·3	10·9	49·4	26th	70·0	26·5	1st & 8th	43·5
March .	63·8			69·4	11·2	58·2	27th	75·5	22·5	10th, 13th & 14th.	53·0
April . .	67·4			73·0	11·3	61·7	17th	79·0	23·0	26th	56·0
May . .	70·0			75·4	10·9	64·5	5th	80·0	18·5	7th	61·5
June . .	72·1			76·7	9·1	67·6	17th	80·0	16·0	2nd	64·0
July . .	72·6			77·0	8·8	68·2	12th & 30th.	80·5	13·5	1st to 4th	67·0
August .	73·0			77·6	9·3	68·3	22nd	80·5	15·0	25th	65·5
September .	72·1			76·8	9·5	67·3	15th	82·0	16·5	19th & 24th to 27th.	65·5
October .	68·1			73·2	10·2	63·0	2nd, 3rd & 5th.	78·0	18·5	30th & 31st.	59·5
November .	60·4			66·1	11·5	54·6	1st.	75·5	26·0	30th	49·5
December .	55·1			60·6	11·1	49·5	19th & 20th.	62·5	15·5	4th	47·0
Year . .	65·2			70·3	10·3	60·0	...	82·0	39·5	...	42·5

44. PURNEAH (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January .	59·8	62·6	70·4	71·1	24·6	46·5	9th	76·2	35·3	30th & 31st.	40·9
February .	65·5	69·1	77·9	78·4	28·0	50·4	27th	89·2	46·3	1st	42·9
March .	77·9	80·4	89·5	90·0	27·2	62·8	26th & 27th	97·3	41·5	4th & 7th	55·8
April . .	82·9	85·7	94·0	94·7	25·7	69·0*	14th & 16th	104·3	40·6	6th, 7th & 10th.	63·7
May . .	82·7	84·7	91·4	91·5	19·6	71·9	3rd & 4th	98·3	33·6	1st & 22nd.	64·7
June . .	84·4	87·2	91·6	92·5	17·5	75·0	19th	99·6	29·0	1st & 8th	70·6
July . .	82·8	85·0	86·8	89·3	13·6	75·7	12th	92·2	18·6	1st	73·6
August .	83·0	85·1†	87·0†	89·1†	13·4	75·7†	4th & 7th to 9th.	92·2	20·6	21st & 25th.	71·6
September .	83·2	85·3	87·9	89·3	13·8	75·5	15th	93·7	21·1	10th	72·6
October .	79·4	83·2	87·8	88·4	19·5	68·9	3rd	92·7	33·5	19th	59·2
November .	69·2	74·1	80·4	81·6	26·9	54·7	3rd & 12th.	85·2	35·4	18th	49·8
December .	61·4	65·3	74·2	75·4	29·2	46·2‡	19th	78·2	36·3	4th	41·9
Year . .	76·0	79·0	84·9	85·9	21·6	64·4	...	104·3	63·4	...	40·9

* Mean of 25 days. † Mean of 30 days. ‡ Mean of 28 days.

45. DURBHUNGA (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January .	59·7	59·9	67·5	68·7	16·5	52·2	9th	75·6	28·8	30th	46·8
February .	64·6	65·4	73·7	75·0	19·7	55·3	27th	84·9	35·6	1st	49·3
March .	76·4	77·6	85·9	87·1	20·9	66·2	24th	95·2	36·8	1st	58·4
April . .	83·4	84·2	92·0*	93·7	19·8	73·9	14th	100·9	32·0	25th&26th	68·9
May . .	85·1	85·8	92·7	94·2	17·3	76·9	15th	99·6	32·2	17th	67·4
June . .	86·8	87·1	92·9	94·4	13·9	80·5	19th & 20th	102·9	29·6	4th	73·3
July . .	84·5	84·7	87·8	89·7	9·4	80·3	12th	92·2	14·4	1st	77·8
August .	84·4	85·3	87·3	89·4	9·4	80·0	4th	93·4	18·6	26th	74·8
September .	83·7	85·1	85·9	88·2*	8·8	79·4	15th	91·9	14·6	7th & 19th	77·3
October .	80·3	81·7	85·8	86·4	12·8	73·6	4th	90·6	23·7	31st	66·9
November .	70·3	72·0	77·2	77·9	15·3	62·6	1st	82·4	23·5	18th	58·9
December .	62·1	62·9	70·2	70·9	17·0	53·9	19th	73·4	22·0	12th	51·4
Year . .	76·8	77·6	83·2	84·6	15·1	69·6	...	102·9	56·1	...	46·8

* Mean of 29 days.

46. PATNA (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January .	59·9	62·6	68·5	70·1	20·8	49·3	15th	76·7	32·8	30th & 31st	43·5
February .	66·7	70·3	77·4	78·7	25·3	53·4	27th	88·8	43·0	10th	45·8
March .	79·8	84·1	91·5	93·0	28·2	64·8	24th	100·5	45·9	1st	54·6
April . .	87·1	90·1	97·7	99·7	26·3	73·4	17th	107·2	41·5	11th	65·7
May . .	89·7	92·7	99·3	101·7	24·7	77·0	21st	109·0	38·6	29th	47·0
June . .	91·0	92·3	99·6	102·1	20·9	81·2	20th	111·6	40·9	1st	70·7
July . .	83·8	84·8	86·7	89·3	10·1	79·2	12th	94·4	17·7	26th	76·7
August .	84·9	85·3	85·4	88·8	9·7	79·1	11th	96·0	21·3	27th	74·7
September .	83·9	85·8	86·6	90·2	11·4	78·8	15th	95·5	19·3	30th	76·2
October .	81·4	84·9	87·8	90·6	18·6	72·0	4th	97·5	32·8	19th	64·7
November .	72·1	75·8	80·1	82·7	21·2	61·5	1st	88·0	32·6	20th	55·4
December .	62·3	64·9	71·7	73·8	23·0	50·8	22nd	76·8	30·0	30th	46·8
Year . .	78·4	81·0	86·0	88·4	20·0	68·4	...	111·6	67·7	...	43·9

47. GYA (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January .	61·5	64·3	70·1	71·7	20·9	50·8	15th	78·5	33·6	21st	44·9
February .	69·5	71·8	80·5	81·7	24·8	56·9	25th	90·6	40·8	1st	49·8
March .	82·3	86·9	94·1	95·5	27·8	67·7	31st	103·5	42·6	7th	60·9
April .	88·7	95·0	102·2	104·2	33·3	70·9	17th	109·2	44·5	1st	64·7
May . .	92·2	96·9	104·4	105·9	31·6	74·3	21st	112·1	45·8	6th	66·3
June . .	93·5	99·1	104·1	105·9	28·5	77·4	13th & 21st	113·6	42·8	1st	70·8
July . .	84·5	86·5	89·1	90·2	12·0	78·2*	15th	95·3	19·7	29th	75·6
August .	83·2	84·4	87·4	88·7	11·0	77·7	11th	93·4	20·3	27th	73·1
September .	83·7	85·0	89·0	90·5	13·7	76·8	15th	93·4	20·6	30th	72·8
October .	80·2	82·8	88·5†	90·4†	21·0	69·4†	4th	92·9	29·2	18th & 19th	63·7
November .	72·2	75·0	81·5‡	83·2	21·7	61·5	6th	86·8	32·0	17th & 18th	54·8
December .	62·7	66·1	72·8*	74·3*	23·6	50·7	22nd	76·7	29·8	14th	46·9
Year . .	79·5	82·8	88·6	90·2	22·5	67·7	...	113·6	68·7	...	44·9

48. HAZARIBAGH (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January .	57·5	60·8	65·2	67·7	18·6	49·1	15th	74·4	31·5	30th	42·9
February .	64·8	69·7	75·1	77·2	22·7	54·5	26th & 27th	86·5	40·7	10th	45·8
March .	78·1	83·6	88·9	91·0	25·2	65·8	31st	98·3	40·5	1st	57·8
April .	86·3	92·9	96·4	99·9	26·5	73·4	18th	104·9	38·6	9th	66·3
May . .	88·6	92·7	99·1	102·2	25·9	76·3	25th	107·1	40·2	29th	66·9
June . .	89·2	93·5	96·0	100·5	20·7	79·8	21st	108·1	39·0	1st	69·1
July . .	77·3	78·4	80·4	83·5	10·0	73·5	16th	89·0	17·5	25th	71·5
August .	76·5	77·2	79·2	81·8	9·2	72·6	4th	87·5	18·0	27th	69·5
September .	77·1	79·3	80·5	83·8	12·2	71·6	15th	87·3	19·4	30th	67·9
October .	75·3	79·9	81·5	84·4	17·9	66·5	14th	86·5	23·9	18th	62·6
November .	68·1	73·0	74·6	78·0	18·5	59·5	11th	82·0	37·4	19th	54·6
December .	59·3	63·5	68·3	70·3	21·3	49·0	22nd	74·4	28·6	27th	45·8
Year . .	74·8	78·7	82·1	85·0	19·1	66·0	...	108·1	65·2	...	42·9

* Mean of 30 days.
† " " 28 "
‡ " " 29 "

49. BERHAMPORE (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January .	62·6	65·1	72·4	73·0	21·2	52·7	15th & 16th.	78·1	32·5	31st	45·6
February .	68·4	72·2	80·6	82·0	25·6	56·4	27th	91·6	43·0	1st	48·6
March .	78·7	83·0	92·1	94·3	27·6	66·7	24th	102·7	45·5	1st	57·2
April .	83·2	86·1	95·9	97·8	24·2	73·6	17th	108·2	44·0	22nd	64·2
May .	83·0	86·7	93·0	95·7	19·7	76·0	15th	103·2	32·9	8th & 26th	70·3
June .	84·4	87·7	91·4	95·9	16·8	79·1	19th & 20th.	102·7	30·9	23rd	71·8
July .	81·9	83·9	85·6	88·8	10·4	78·4	16th	93·2	17·4	29th	75·8
August .	81·3	83·0	85·1	87·6	9·5	78·1	3rd	92·2	16·9	24th to 26th.	75·3
September .	82·3	85·1	86·3	89·0	11·2	77·8	14th & 15th.	92·7	20·4	10th	72·3
October .	80·2	83·7	86·8	88·4	15·1	73·3	2nd	92·7	26·4	20th	66·3
November .	72·0	74·8	79·9	81·8	17·6	64·2	4th	86·6	27·4	20th	59·2
December .	64·2	67·3	74·0	75·6	21·7	53·9	1st	79·6	31·0	29th	48·6
Year . .	76·9	79·9	85·3	87·6	18·4	69·2	...	108·2	62·6	...	45·6

50. BURDWAN (*corrected*).

Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
63·6	66·5	73·1	75·4	21·4	54·0	16th	81·0	34·6	21st	46·4
69·8	73·0	81·4	83·3	24·7	58·6	27th	92·4	42·3	1st	50·1
80·1	84·4	93·2	96·5	27·9	68·6	24th	104·7	46·8	1st	57·9
85·4	88·8	98·6	101·8	26·0	75·8	17th	108·9	41·0	9th	67·9
85·2	89·1*	95·7*	99·5*	21·6	77·9*	13th & 20th.	104·2	32·3	8th & 29th.	71·9
87·0	90·9	95·5	100·9	20·3	80·6	20th	108·0	33·6	13th	74·4
81·9	84·6	85·5	90·9	12·6	78·3†	16th & 17th.	94·6	18·2	25th & 29th.	76·4
81·1	82·8	84·3	89·4	10·7	78·7	3rd	94·6	18·7	24th	75·9
82·3	84·3	86·6	90·5	12·0	78·5	10th	93·8	19·4	12th & 18th.	74·4
79·8	83·8	86·7	90·0	17·0	73·0	2nd	93·1	26·7	20th & 21st.	66·4
72·8	75·8†	80·4†	83·2†	18·2	65·0†	1st	87·8	29·1	19th	58·7
64·7	67·7	75·0	77·2	23·0	54·2	2nd	81·5	32·2	29th	49·3
77·8	81·0	86·3	89·9	19·6	70·3	...	108·9	62·5	...	46·4

* Mean of 28 days.
† „ „ 29 „

51. JESSORE (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January .	63·4	67·8	72·8	76·1	23·7	52·4	1st	80·4	35·8	21st	44·6
February .	68·8	73·2	80·5	83·0	26·4	56·6	27th	92·1	44·0	1st	48·1
March .	79·7	83·4	91·6	94·0	24·9	69·1	24th	103·5	49·7	1st	53·8
April .	83·8	87·6	93·8*	97·4*	21·6	75·8	15th	106·1	38·0	22nd	68·1
May .	84·4	89·1	92·4	95·9	18·1	77·8	15th	101·1	29·4	8th	71·7
June .	85·0	90·2	89·9	95·8	15·9	79·9	14th	101·6	28·2	6th	73·4
July .	82·3	84·7	85·0	89·4	10·2	79·2	18th	94·0	17·6	29th	76·4
August .	71·7	83·9	84·4	87·8	8·8	79·0	3rd	94·5	19·5	25th	75·0
September .	82·8	86·0	85·8	89·8	10·9	78·9	5th	93·6	17·1	19th	76·5
October .	80·4	84·5	86·6	89·3	15·5	73·8	4th	92·4	25·9	20th	66·5
November .	73·1	77·2	79·4	83·1†	17·8	65·3†	1st	87·1	28·8	19th	58·3
December .	65·0	70·0	73·5	77·3	23·2	54·1	1st	83·1	33·5	27th, 30th & 31st.	49·6
Year . .	77·5	81·5	84·6	88·2	18·1	70·2	...	106·1	61·5	...	44·6

52. DACCA (*corrected*).

Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
65·1	68·0	74·0	76·4	22·6	53·8	10th	81·3	33·4	31st	47·9
70·1	73·5	79·4	81·4	24·1	57·3	27th	90·1	40·9	1st	49·2
78·7	81·5	86·5	89·3	20·1	69·2	24th	96·2	38·1	1st	58·1
81·6	84·1	87·1	91·3	17·2	74·1	14th	98·0	32·0	25th	66·0
83·2	85·6	88·0	90·8	14·7	76·1	15th	95·0	26·1	1st	68·9
84·3	86·2	86·8	90·7	11·5	79·2	12th	94·9	22·9	13th	72·0
82·7	83·5	84·7	87·5	8·6	78·9	12th	91·1	16·0	30th	75·1
82·6	83·2	84·3	86·9	8·1	78·8	4th	91·5	16·2	23rd	75·3
83·6	84·8	86·4	89·1	10·6	78·5	5th	93·3	17·6	7th & 23rd	75·7
82·0	84·7	86·1	88·5	15·0	73·5	1st & 4th	92·0	23·6	20th & 22nd	68·4
74·3	78·1	80·3	83·6	19·0	64·6	1st	87·4	28·3	19th & 22nd	59·1
68·1	71·5	76·0	78·8	22·7	56·1	2nd	85·9	34·5	31st	51·4
78·0	80·4	83·3	86·2	16·2	70·0	...	98·0	50·1	...	47·9

* Mean of 29 days.
† „ „ 27 „

53. CHITTAGONG (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima. †	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January .	66·5	68·6	74·3	77·8	22·7	55·1	10th	82·1	32·4	22nd & 31st.	49·7	64·2	63·1	72·4	73·0	17·0	56·0	5th to 7th & 11th.	77·0	27·6	31st	49·4
February .	69·7	72·3	76·5	80·0	20·9	59·1	27th	88·5	37·7	1st	50·8	66·0	67·9	74·6	75·5	18·1	57·4	28th & 29th.	82·5	32·9	12th	49·6
March .	77·0	80·3	82·3	85·3	17·0	68·3	20th	88·8	29·7	1st	59·1	74·4	76·0	82·3	83·3	16·9	66·4	26th	87·8	29·9	3rd	57·9
April . .	80·0	83·7	83·2	86·9	14·0	72·9	16th	89·6	23·4	18th	66·2	77·8	80·3	82·7	85·4	12·6	72·8	16th	89·9	25·7	29th	64·2
May . .	82·2	85·0	85·4	88·0	12·2	75·8	10th	92·0	23·2	1st	68·8	81·1	83·5	87·3	87·9	13·1	74·8	9th	92·1	24·4	1st	67·7
June . .	82·3	84·3	84·8	88·6	11·4	77·2	7th	98·0	26·6	13th	71·4	81·3	83·9	85·6	87·6	10·7	76·9	18th	91·6	18·4	13th	73·2
July . .	80·0	80·7	82·4	84·3*	8·1	76·2	18th & 19th.	89·0	14·0	9th	75·0	79·9	82·5	82·9	85·4	8·5	76·9	16th	89·9	14·4	10th & 31st.	75·5
August .	79·8	81·4	81·8	84·9	9·0	75·9	19th	89·9	18·1	24th	71·8	79·2	81·5	82·1	84·2	7·9	76·3	7th	89·2	15·8	25th	73·4
September .	81·5	83·6	84·2	87·2	10·7	76·5	13th	91·7	18·7	3rd	73·0	80·6	82·3	84·0	85·7	8·6	77·1	13th & 14th.	89·9	14·7	18th	75·2
October .	79·9	82·9	84·0	86·9	13·9	73·0	1st	91·7	24·2	20th	67·5	78·6	79·8	83·9	84·4	11·2	73·2	1st	89·1	20·9	20th	68·2
November .	75·1	78·0	79·9	83·9	17·1	66·8	5th	88·0	27·9	21st	60·1	74·4	75·1	80·2	81·5	12·9	68·6	1st	84·4	21·8	19th	62·6
December .	68·0	71·3	74·3	78·8	21·5	57·3	1st	84·0	29·7	5th	54·3	67·2	68·2	74·5	75·9	16·0	59·9	1st	80·3	25·7	28th	54·6
Year . .	76·8	79·3	81·1	84·4	14·9	69·5	...	98·0	48·3	...	49·7	75·4	77·0	81·0	82·5	12·8	69·7	...	92·1	42·7	...	49·4

* Mean of 29 days.

† The readings appear to be doubtful.

54. DEMAGIRI (*corrected*).

Month.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute Range.	Lowest Minimum. Day.	°
January .	64·6	67·7	73·8	75·6	20·9	54·7	16th & 18th.	80·1	32·0	31st	48·1	63·4	55·7	66·3	72·6	58·9	74·0	18·9	55·1	5th	77·8	29·5	31st	48·3
February .	71·2	74·8	81·7	83·2	23·1	60·1	27th	91·5	39·8	1st	51·7	69·7	61·1	73·0	80·1	66·1	81·0	21·2	59·8	27th	89·4	38·5	1st	50·9
March .	81·0	84·6	92·3	93·8	23·1	70·7	24th	101·2	42·3	1st	58·9	80·1	71·4	83·0	89·9	76·2	91·4	21·1	70·3	24th	98·9	39·8	1st	59·1
April .	84·7	89·5	94·2	96·7	20·6	76·1	25th	103·8	37·7	26th	66·1	85·0	77·8	87·8	91·7	80·0	94·6	18·6	76·0	15th	102·3	35·9	26th	66·4
May .	85·6	90·0	94·4	96·2	18·0	78·2	16th	102·0	31·0	29th	71·0	86·3	75·6	88·1	91·9	81·8	93·9	16·2	77·7	16th	100·4	29·6	29th	70·8
June .	86·6	90·8†	94·1*	97·8*	17·6	80·2†	14th	107·2	33·4	3rd	73·8	88·1	81·7	89·7	93·1	83·1	96·5	16·6	79·9	14th	106·6	33·7	3rd	72·9
July .	82·5	85·1	86·0	89·9‡	11·1	78·8	16th	95·5	19·7	3rd	75·8	83·1	79·2	83·8	84·7	80·5	87·9	9·6	78·3	16th & 18th.	92·5	17·3	31st	75·2
August .	81·4	83·8	84·6	88·2	9·9	78·3	2nd & 3rd.	94·0	19·2	25th	74·8	82·3	79·1	82·6	83·3	80·4	86·5	8·7	77·8	3rd	92·5	18·7	24th	73·8
September .	82·7	85·6	86·4	89·5	11·2	78·3	4th & 25th.	93·0	17·0	1st & 18th.	76·0	82·9	79·2	84·0	85·0	80·8	87·7	9·9	77·8	15th	91·3	16·1	18th	75·2
October .	80·3	84·9	86·0	88·9	15·6	73·3	2nd	94·0	26·6	21st	67·4	79·6	74·1	83·1	84·9	76·2	87·1	14·2	72·9	2nd	91·4	24·5	21st	66·9
November .	73·6	77·6	79·9	82·7	16·6	66·1	1st	88·8	29·4	19th & 20th.	59·4	73·1	67·0	75·8	79·1	70·0	80·9	15·4	65·5	1st	86·7	28·4	19th	58·3
December .	65·2	69·4	74·1	76·5	21·7	54·8	1st	80·5	29·4	31st	51·5	64·1	56·2	67·7	74·0	59·3	75·0	20·4	54·6	1st	79·2	2, '9	26th	51·3
Year .	78·3	82·0	85·6	88·3	17·5	70·8	...	107·2	59·1	...	48·1	78·1	71·8	80·4	84·2	74·4	86·4	15·9	70·5	...	106·6	58·3	...	48·3

* Mean of 28 days.
† " " 27 "
‡ " " 30 "

56. SAUGOR ISLAND (*corrected*).

Month.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	65·3	59·9	67·7	71·9	61·5	74·7	16·8	57·9	5th	79·2	27·9	30th	51·3
February	72·2	67·3	73·8	78·1	69·4	80·5	15·4	65·1	28th	88·0	34·8	1st	53·2
March	80·2	77·3	81·8	83·6	78·2	87·1	10·9	76·2	28th	91·7	27·5	1st	64·2
April	84·1	81·3	86·4	86·6	82·1	90·3	9·9	80·4	9th	97·5	25·7	22nd	71·8
May	86·3	83·6	88·7	89·3	83·4	92·6	10·7	81·9*	14th	95·4	21·4	31st	74·0
June	87·6	84·9	89·5	90·6	85·6	93·6	10·2	83·4	14th	98·4	20·7	16th	77·7
July	83·8	81·9	84·7	86·1	82·5	88·7	7·8	80·9	12th	93·0	15·6	2nd & 30th	77·4
August	82·5	80·9	83·1	84·3	81·8	86·3	6·4	79·9	7th	91·5	16·8	24th	74·7
September	83·5	80·8	85·2	85·9	81·9	88·8	8·8	80·0	30th	91·5	14·3	1st	77·2
October	80·4	76·1	83·4	84·9	77·2	87·5	12·6	74·9	1st	91·2	22·9	21st	68·3
November	74·3	69·3	77·3	79·4	71·3	82·2	13·9	68·3	2nd	88·2	28·0	20th	60·2
December	65·3	59·3	68·8	72·6	60·6	74·8	17·9	56·9*	1st	79·6	27·1	29th	52·5
Year	78·8	75·2	80·9	82·8	76·3	85·6	11·8	73·8	...	98·4	47·1	...	51·3

* Mean of 30 days.

57. CUTTACK (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	71·3	73·5	80·7	82·3	22·0	60·3	1st & 18th	86·4	32·5	13th	53·9
February	77·9	79·5	88·3	89·4	22·2	67·2	28th	98·9	39·9	1st	59·0
March	85·0	87·1	96·3	98·4	25·3	73·1	30th	104·4	39·4	9th	65·0
April	90·0	92·8	99·2	104·1	24·6	79·5	18th	110·4	35·6	4th	74·8
May	92·0	94·8	101·3	104·9	23·5	81·4	20th	114·4	42·1	31st	72·3
June	91·8	93·9	100·2	103·1	20·5	82·6	13th	112·0	35·7	2nd	76·3
July	84·3	86·6	87·7	91·5†	12·3	79·2	16th	94·9	20·1	20th	74·8
August	82·7	84·4	85·6	88·0	9·9	78·1	3rd	95·8	24·6	23rd	74·4
September	84·5	86·0	89·2†	90·8	12·4	78·4	30th	95·4	20·4	6th	75·0
October	82·5	85·2	89·3	91·5	17·9	73·6	1st	95·9	28·7	20th	67·2
November	76·2	78·6	82·6	84·9	16·9	68·0	9th	89·4	29·6	19th	59·8
December	68·9	71·4	79·8	81·3	24·4	56·9	2nd	85·8	34·1	13th	51·7
Year	82·3	84·5	90·0	92·5	19·3	73·2	...	114·4	68·7	...	51·7

† Mean of 29 days.

58. FALSE POINT (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	65·8	72·6	74·1	76·7	19·2	57·5	26th	80·6	30·6	9th	50·0
February	72·8	78·0	79·7*	82·0	16·2	65·8	28th	90·3	33·1	1st	57·2
March	78·5	83·9	83·7	86·7	13·4	73·3	23rd	92·0	30·1	9th	61·9
April	81·9	85·6	84·9	87·6	8·8	78·8	30th	89·9	15·3	22nd	74·6
May	84·5	88·1	88·0	90·7	9·8	80·9	31st	96·0	21·8	31st	74·2
June	84·6	89·4	88·1	92·5	11·5	81·0	15th	105·9	29·8	2nd	76·1
July	81·2	84·9	83·9	87·4	8·9	78·5	28th	93·3	19·2	20th	74·1
August	80·6	83·5	83·5	86·2†	8·6	77·6	3rd	89·8	16·6	22nd	73·2
September	82·4	85·9	86·8	89·0	11·1	77·9	30th	94·0	19·9	6th	74·1
October	79·0	84·9	85·6	87·8†	15·4	72·4	1st	93·6	28·7	22nd	64·9
November	73·6	79·2	80·0	82·6	15·4	67·2	1st	86·7	27·7	24th	59·0
December	64·8	72·1	74·6	77·4	22·4	55·0	1st	82·2	32·4	13th	49·8
Year	77·5	82·3	82·7	85·6	13·4	72·2	...	105·9	56·1	...	49·8

* Mean of 28 days.
† " " 30 "

59. SAMBALPUR (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	66·3	66·8	76·2	77·9	21·6	56·3	1st	83·4	35·4	21st	48·0
February	73·7	76·2	85·3	87·2	25·1	62·1	29th & 29th	94·5	38·9	11th	55·6
March	81·5	86·6	95·8	98·9	31·7	67·2	23rd	114·7	54·8	3rd	59·9
April	90·9	98·0	105·1	107·6	31·0	76·6	29th	122·0	41·9	10th	69·1
May	94·1	98·9	105·9	108·6	26·4	82·2	1st	120·0	34·6	4th & 5th	77·4
June	91·6	93·0	100·7	103·2	20·7	82·5	13th	109·9	35·3	30th	74·6
July	81·2	82·6	84·5	87·7	9·8	77·9	12th	92·8	19·7	21st	73·1
August	80·2	81·1	83·6	87·0	10·3	76·7	3rd	92·0	17·9	1st	74·1
September	82·3	84·8	87·2	90·5	13·2	77·3	26th	92·5	19·4	30th	73·1
October	78·9	83·1	88·6	90·3	21·1	69·2	25th	92·5	30·3	29th, 20th & 22nd	62·2
November	73·6	77·8	82·6	83·9	19·4	64·5	11th	90·0	35·5	21st	54·5
December	64·8	68·6	77·9	79·0	27·8	51·2	1st	82·5	37·4	27th	45·1
Year	79·9	83·1	89·5	91·8	21·5	70·3	...	114·7	69·6	...	45·1

60. RAIPUR (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January .	65·6	68·7	75·6	76·8	21·3	55·5	26th	85·1	36·1	21st	49·0
February .	74·2	78·7	86·1	87·6	25·3	62·3	27th	94·8	39·5	11th & 12th	55·3
March .	83·3	89·2	96·4	98·2	28·0	70·2	24th	105·7	42·9	9th	62·8
April .	91·9	98·5	103·9	106·5	26·6	79·9	18th	110·6	38·0	4th	72·6
May .	93·5	99·0	104·3	106·9	24·2	82·7	22nd	112·2	35·5	8th	76·7
June .	88·4	91·9	97·5	101·4	22·2	79·2	1st	111·4	42·7	6th	68·7
July .	78·9	80·8	83·1	85·7	11·1	74·6	7th	90·6	19·9	20th	70·7
August .	78·5	80·4	82·4	85·1	10·6	74·5	3rd & 4th	89·9	18·2	22nd	71·7
September .	80·7	83·8	86·4	89·1	14·2	74·9	29th	92·9	20·3	4th, 28th & 30th	72·6
October .	78·4	83·9	88·5	90·0	21·7	68·3	18th	92·2	31·3	21st	60·9
November .	72·9	77·2	82·7	84·4	21·4	63·0	11th	89·0	34·2	20th	54·8
December .	64·9	70·4	77·4	79·0	26·7	52·3	1st	82·8	34·1	13th	48·7
Year .	79·3	83·5	88·7	90·9	21·1	69·8	.....	112·2	63·5	...	48·7

61. NAGPUR (*corrected*).

Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
66·5	69·0	77·3	78·4	22·8	55·6	26th	85·2	39·0	29th	46·2
73·9	77·3	86·4	88·2	26·8	61·4	27th	94·2	42·4	11th	51·8
82·7	88·9	96·5	99·0	30·1	68·9	30th	106·7	44·9	9th	61·8
91·0	97·8	104·9	107·9	30·8	77·1	17th	111·2	41·3	10th	69·9
92·9	98·9	105·8	108·1	28·1	80·0	29th	114·2	43·0	4th	71·2
85·2	90·0	92·1	99·2	20·9	78·3	3rd	112·1	40·0	6th	72·1
79·7	81·4	84·4	87·2	12·3	74·9	6th	93·5	21·4	20th	72·1
79·5	81·1	84·4	86·8	12·2	74·6	3rd	91·6	22·8	31st	68·8
80·4	84·7	87·3	91·0	17·5	73·5	13th	97·2	27·8	2nd	69·4
78·5	85·7	89·0	91·7	23·7	68·0	2nd	94·9	36·5	22nd	58·4
73·0	77·7	82·4	84·8	21·2	63·6	10th	91·2	37·8	19th	53·4
66·1	71·5	79·7	81·1	28·6	52·5	23rd	84·1	35·9	22nd	48·2
79·1	83·7	89·2	92·0	23·0	69·0	...	114·2	68·0	...	46·2

62. SEONI (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January .	61·4	65·8	71·9	74·7	23·9	50·8	23rd	80·8	37·2	11th	43·6
February .	68·9	74·5	80·9	83·6	26·8	56·8	26th	88·6	38·4	11th	50·2
March .	77·9	85·9	91·1	94·4	29·8	64·6	31st	102·1	45·2	8th	56·9
April .	86·5	95·0	100·1	102·3	29·4	72·9	18th	106·9	40·9	1st	66·0
May .	88·1	95·7*	99·8*	102·9*	26·6	76·3*	29th	108·7	40·1	4th	68·6
June .	83·5	89·5	90·7	96·1	19·9	76·2	1st	105·7	36·1	29th	69·6
July .	76·2	79·2	80·1	83·7	11·5	72·2	6th & 13th	87·6	17·3	1st	70·3
August .	74·7	77·2	78·9	81·2	10·7	70·5	15th	86·0	21·6	19th	64·4
September .	76·3	81·4	82·9	85·7	16·0	69·7	12th	90·1	24·8	28th	65·3
October .	74·5	83·4	84·9	87·4	23·4	64·0	8th	90·1	31·6	21st	58·5
November .	68·4	75·7	78·9	82·1	24·2	57·9	12th	87·0	38·8	18th	48·2
December .	61·5	69·4	75·8	77·4	30·2	47·2	23rd	82·4	40·1	12th	42·3
Year .	74·8	81·1	84·7	87·6	22·7	64·9	...	108·7	66·4	...	42·3

63. JUBBULPORE (*corrected*).

Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
60·0	62·3	70·4	71·6	22·0	49·6	31st	79·1	39·2	9th	39·9
67·0	70·3	79·1	80·4	25·5	54·9	26th	89·1	43·4	11th	45·7
76·8	82·8	92·5	94·0	32·9	61·1	31st	101·2	46·7	1st	54·5
86·4	94·1	101·1	102·7	31·0	71·7	18th	107·3	45·1	9th	62·2
90·4	96·4	102·6	104·7	26·5	78·2	23rd	110·7	43·6	6th	67·1
88·0	92·4	95·9	101·1	21·1	80·0	21st	107·3	34·8	30th	72·5
78·4	79·9	82·5	85·0	10·7	74·3	13th	90·9	19·3	4th	71·6
77·0	77·7	81·0	82·1	9·1	73·0	15th	87·2	17·6	31st	69·6
78·8	81·7	85·6	87·6	15·7	71·9	11th & 29th	90·9	24·6	29th	66·3
74·2	80·7	86·2	88·5	26·4	62·1	2nd, 19th & 30th	90·8	35·9	20th	54·9
67·6	73·7†	80·0†	82·4†	27·3	55·1‡	3rd	87·5	40·6	18th	46·9
58·7	64·9	74·4	76·0	33·1	42·9	22nd	79·6	39·7	19th	39·9
75·3	79·7	85·9	88·0	23·4	64·6	...	110·7	70·8	...	39·9

* Mean of 30 days.

† Mean of 27 days.
‡ „ „ 26 „

64. SAUGOR (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	59·8	62·8	70·2	71·5	22·1	49·4	31st	78·7	36·4	29th	42·3
February	67·0	69·8	78·1	79·5	23·6	55·9	20th	88·3	40·4	10th	47·9
March	78·5	84·7	91·3	92·8	27·1	65·7	31st	100·8	42·1	1st	58·7
April	87·0	93·7	99·8	101·8	27·7	74·1	18th	106·4	38·9	5th	67·5
May	90·6	96·7	102·2	104·3	25·4	78·9	24th	112·2	44·1	6th & 6th	68·1
June	87·8	92·3	97·1	100·9	22·5	78·4	21st	107·0	35·0	9th	72·0
July	78·1	79·1	82·1	83·8*	9·8	74·0	2nd	91·7	20·3	28th	71·4
August	75·3	75·9	78·6	80·5	8·6	71·9	15th	84·5	16·0	31st	68·5
September	77·0	80·6	83·4	86·1	15·5	70·6	10th, 25th & 26th.	89·3	22·1	28th	67·2
October	74·9	82·3	85·3	87·7	23·2	64·5	14th	90·9	30·2	19th & 31st	60·7
November	68·3	74·6	79·1	80·8	23·4	57·4	26th	85·3	37·8	30th	47·5
December	62·2	69·3	74·8	76·0	26·4	49·6	23rd	79·9	34·9	2nd	45·0
Year	75·5	80·2	85·2	87·1	21·3	65·9	...	112·2	69·9	...	42·3

* Mean of 30 days.

65. PACHMARHI (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	55·5	61·8	64·0	67·1	20·2	46·9	31st	73·0	37·5	10th	35·5
February	61·9	69·1	71·9	74·6	22·7	51·9	20th, 26th, & 29th,	79·7	37·9	11th	41·8
March	71·6	78·9*	82·1	84·3	23·3	61·0	30th & 31st	91·7	38·3	4th	53·4
April	80·8	85·2	90·6	92·8	21·9	70·9	18th	96·7	36·3	6th	60·4
May	82·7	86·4	91·1	94·3	20·1	74·2	24th	100·5	35·1	11th	65·4
June	78·7	80·0	84·5	88·8	15·9	72·9	2nd	96·2	29·5	29th	66·7
July	70·2	70·8	72·5	75·1	7·3	67·8	1st	82·5	16·3	9th & 23rd	66·2
August	68·7	69·0	70·7	73·1	6·4	66·7	23rd	77·7	13·0	30th	64·7
September	70·9	73·6	75·8	78·1	12·2	65·9	12th	81·9	20·7	30th	61·2
October	67·5	75·9	77·1	79·4	21·6	57·8	14th	81·5	30·2	20th	51·3
November	62·2	69·2	71·1	74·3	21·1	53·2	26th	78·7	34·9	17th to 19th	43·8
December	55·1	65·4	67·2	70·7	27·7	43·0	22nd	74·8	37·7	3rd	37·1
Year	68·8	73·8	76·6	79·4	18·4	61·0	...	100·5	65·0	...	35·5

66. HOSHANGABAD (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	62·9	63·8	73·6	76·2	24·0	52·2	31st	82·6	38·7	9th	43·9
February	70·5	72·2	82·8	84·8	26·6	58·2	20th	93·9	47·0	11th	46·9
March	80·1	85·1	94·8	97·2	31·8	65·4	31st	104·3	44·2	8th	60·1
April	88·1	94·4	102·7	105·3	31·8	73·5	17th	109·9	44·3	6th	65·6
May	91·6	96·7	104·7	107·7	29·2	78·5	24th	115·6	47·3	6th	68·3
June	88·2	89·6	96·4	100·6	20·7	79·9	2nd	109·5	38·8	7th	70·7
July	78·8	79·8	82·5	86·2	11·1	75·1	1st	96·2	23·2	11th	73·0
August	77·1	77·4	80·4	83·5	9·7	73·8	31st	88·0	16·8	30th	71·2
September	79·6	82·2	86·1	90·0	17·0	73·0	12th	94·2	25·0	2nd	69·2
October	77·8	82·8	89·2	91·9	25·5	66·4	20th	93·4	36·7	19th	56·7
November	71·0	76·0	82·0	85·3	25·4	59·9	3rd	90·2	39·4	20th & 21st	50·8
December	63·4	67·1	77·3	80·4	30·9	49·5	23rd	84·0	38·8	21st	45·2
Year	77·4	80·6	87·7	90·8	23·6	67·1	...	115·6	71·7	...	43·9

67. KHANDWA (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	64·9	70·4	77·0	78·9	26·1	52·8	31st	87·2	45·1	10th	42·1
February	72·5	77·8	86·4	87·9	29·3	58·6	20th & 27th	94·2	47·2	11th	47·0
March	80·8	87·7	95·4	97·6	31·5	66·1	30th	104·6	46·5	28th	58·1
April	88·6	94·1	102·0	104·0*	28·8	75·2	16th	108·7	44·6	5th	64·1
May	86·2	94·6	93·4	105·4	26·4	79·0	23rd	112·7	48·2	7th	64·5
June	88·0	90·8	95·9	100·1	20·0	80·1	2nd	107·2	34·3	22nd	72·9
July	79·5	80·8	84·0	86·4	11·4	75·0	6th	95·4	24·2	11th	71·2
August	77·9	79·5	82·5	84·5	11·3	73·2	9th	89·2	19·0	23rd	70·2
September	80·2	83·3	87·8	90·3	17·7	72·6	13th & 14th	96·9	29·2	3rd	67·7
October	77·5	86·1	90·0	92·2	27·3	64·9	14th	95·2	39·1	20th	56·1
November	76·0	82·0	85·4	87·2	27·6	59·6	5th	91·4	41·9	18th & 19th	49·5
December	67·1	73·7	81·7	82·9	35·2	47·7	25th	86·7	44·2	13th & 14th	42·5
Year	80·6	87·7	90·8	93·6	24·4	67·1	...	112·7	70·6	...	42·1

* Mean of 27 days.

68. CHANDA (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	67·6	72·6	79·1	81·3	25·3	56·0	23rd & 31st.	87·8	41·1	10th & 12th.	46·7
February	75·2	81·8	89·6	91·7	30·9	60·8	27th	97·1	44·8	11th	52·3
March	83·2	89·9	98·6	100·6	32·9	67·7	31st	107·9	47·0	15th	60·9
April	92·3	97·9	106·3	108·8	30·5	78·3	28th	112·7	42·1	10th	70·6
May	93·6	97·3	106·6	108·5	27·9	80·6	30th	114·3	42·9	7th	71·4
June	87·2	90·1	95·2	100·2	21·0	79·2	2nd	113·0	39·7	8th	73·3
July	79·5	81·7	83·8	87·0	11·9	75·1	6th & 30th.	92·1	19·9	13th	72·2
August	79·8	81·5	84·7	87·8	12·9	74·9	15th	92·6	20·6	31st	72·0
September	80·6	84·2	87·5	90·5	16·8	73·7	13th	95·1	25·6	29th	69·5
October	77·5	84·0	89·5	91·9	26·4	65·5	2nd	94·7	37·0	21st	57·7
November	72·9	77·2	83·0	85·9	23·1	62·8	3rd	91·0	41·2	20th	49·8
December	64·9	70·9	80·5	82·5	33·3	49·2	31st	85·1	42·0	14th	43·1
Year	79·5	84·1	90·4	93·1	24·4	68·7	...	114·3	71·2	...	43·1

69. SIRONCHA (*corrected*).

Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
70·3	72·0	80·4	82·6	22·5	60·1	26th	90·7	38·4	12th	52·3
78·2	79·2	90·8	92·6	27·0	65·6	29th	97·1	40·5	11th	56·6
85·9	86·0	98·7	100·7	27·7	73·0	30th	107·0	41·2	4th	65·8
93·4	91·4	105·2	107·1	25·6	81·5	28th	112·4	38·6	22nd	73·8
92·9	92·3	103·3	105·5	23·1	82·4	31st	113·4	37·8	14th	75·6
89·6	89·6	96·7	101·6	19·2	82·4	2nd	113·5	39·2	21st	74·3
80·1	80·4	84·0	86·6	10·5	76·1	28th & 29th.	92·5	19·6	14th & 21st.	72·9
80·5	81·6	84·4	87·1	10·6	76·5	3rd	92·4	19·2	22nd	73·2
82·0	83·9	87·6	91·4	15·1	76·3	13th	94·8	22·4	29th	72·4
80·1	82·6	90·0	92·4*	22·3	70·1*	5th	94·7	33·1	21st	61·6
75·7	76·4	83·3	85·5	17·4	68·1	3rd	91·7	35·1	19th & 20th.	56·6
68·0	71·7	80·0	82·3	26·4	55·9	16th	85·0	36·9	13th	48·1
81·4	82·3	90·4	93·0	20·6	72·3	...	113·5	65·4	...	48·1

* Mean of 30 days.

70. CHIKALDA (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	60·0	62·6	66·2	68·4	14·7	53·7	31st	73·7	28·5	28th	45·2
February	66·8	69·2	74·1	75·9	16·5	59·4	27th	82·1	32·9	10th	49·2
March	75·4	77·7	83·3	85·1	17·6	67·5	31st	92·0	36·1	8th	55·9
April	81·6	83·4	90·3	92·0	19·1	72·9	15th & 16th.	96·3	26·3	5th	70·0
May	82·0	83·7	91·1	93·1	20·2	72·9	23rd	100·4	33·3	1st	67·1
June	76·3	76·7	83·2	85·4	16·0	69·4	2nd	95·3	30·1	7th	65·2
July	68·5	68·1	71·2	72·5	6·8	65·7	6th	81·2	17·4	11th	63·8
August	67·5	67·4	70·3	71·9	7·2	64·7	3rd	76·6	13·5	31st	63·1
September	69·9	72·1	74·5	76·7	11·4	65·3	24th	81·2	19·6	3rd	61·6
October	70·6	75·7	76·2	79·6	14·6	65·0	22nd	83·2	20·9	29th	62·3
November	66·1	70·2	71·9	75·3	15·1	60·2	2nd	80·2	26·1	20th	54·1
December	62·9	67·2	70·6	73·1	17·9	55·2	22nd & 23rd.	77·2	25·5	11th	51·7
Year	70·6	72·8	76·9	79·1	14·8	64·3	...	100·4	55·2	...	45·2

71. BULDANA (*corrected*).

Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
65·6	70·6	74·1	76·5	19·5	57·0	25th	83·7	33·3	29th	50·4
72·4	76·4	82·6	84·7	22·5	62·2	28th	92·7	38·4	10th	54·3
80·9	85·5	90·9	93·4	22·6	70·8	23rd	100·3	41·0	8th	59·3
87·7	91·4	98·0	100·4	23·0	77·4	15th	104·5	32·0	5th	72·5
87·6	90·5	98·6	100·9	24·3	76·6	24th	106·2	34·5	5th	71·7
81·5	84·8	89·1	93·9	20·1	73·8	2nd	101·6	33·0	18th	68·6
75·3	77·7	79·8	82·9	12·2	70·7	6th	88·9	21·4	10th	67·5
73·7	76·3	78·3	81·2	12·1	69·1	3rd	85·1	19·2	23rd	65·9
76·4	79·0	82·7	85·7	15·6	70·1	13th	91·3	25·1	3rd	66·2
75·8	82·6	84·1	87·1	19·6	67·5	22nd	89·6	26·1	23rd	63·5
72·1	77·9	80·4	83·7	20·0	63·7	3rd	88·5	31·7	20th	56·8
67·8	74·9	78·3	80·4	23·2	57·2	21st	83·8	29·8	12th	54·0
76·4	80·6	84·7	87·6	19·6	68·0	...	106·2	55·8	...	50·4

72. AKOLA (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January	66·5	70·1	78·8	80·2	26·0	54·2	31st	86·8	42·3	29th	44·5	67·1	71·5	77·0	80·5	23·4	57·1	31st	85·8	36·7	28th	49·1
February	73·7	77·9	88·7	89·5	32·8	58·7	28th	97·1	49·3	11th	47·8	74·7	79·2	87·0	88·9	26·5	62·4	27th	95·7	40·0	10th	55·7
March	81·0	87·2	96·8	98·1	32·9	65·2	31st	104·9	45·8	9th & 10th.	59·1	82·7	88·7	95·9	98·4	29·0	69·4	31st	105·5	46·5	8th	59·0
April	90·0	96·2	105·2	106·2	31·4	74·8	17th	110·2	45·5	6th	64·7	89·8	96·8	103·5	106·1	30·0	76·1	17th	110·0	42·2	6th	67·8
May	92·0	96·5	105·4	106·7	28·1	78·6	24th	113·5	46·7	6th	66·8	90·8	97·1	103·5	106·7	28·7	78·0	23rd	113·3	44·5	5th	68·8
June	87·7	89·7	97·4	100·3	22·4	77·9	2nd	108·4	38·6	18th	69·8	84·3	87·9	92·8	99·0	23·2	75·8	2nd	109·7	38·4	18th, 29th & 30th.	71·3
July	79·6	81·0	85·4	87·5	13·8	73·7	6th	94·5	22·8	10th	71·7	78·0	79·4	83·3	86·1	13·4	72·7	6th	94·5	23·1	10th	71·4
August	78·7	81·1	84·5	86·2	13·4	72·8	15th	91·0	20·8	23rd	70·2	78·0	79·6	83·6	86·7	14·3	72·4	16th	91·8	22·5	30th	69·3
September	80·8	84·6	88·8	91·8	19·1	72·7	13th	97·0	28·1	20th	68·9	80·0	84·2	88·0	91·5	19·5	72·0	12th	98·3	32·0	3rd	66·3
October	77·9	86·0	90·8	92·7	27·8	64·9	18th & 23rd.	94·9	39·4	21st	55·5	78·2	86·3	89·3	92·2	25·2	67·0	19th & 20th.	93·8	32·7	23rd & 24th.	61·1
November	74·5	80·9	86·4	88·5	25·9	62·6	1st	93·9	45·0	20th	48·9	73·7	78·7	83·1	86·8	22·5	64·3	10th	91·8	34·5	27th	57·3
December	65·8	73·1	83·1	83·8	35·3	48·5	23rd & 24th.	86·0	43·8	13th	42·2	68·0	74·2	80·8	83·0	27·8	55·2	23rd	85·6	35·2	21st & 22nd.	50·4
Year	79·0	83·7	90·9	92·6	25·6	67·1	...	113·5	71·3	...	42·2	78·8	83·6	89·0	92·2	23·6	68·5	...	113·3	64·2	...	49·1

73. AMRAOTI (*corrected*).

74. MAKHLA (*corrected*).

MONTH.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	HIGHEST MAXIMUM. Day.	°	Absolute range.	LOWEST MINIMUM. Day.	°
January	61·4	65·2	68·8	71·4	17·4	54·0	31st	78·4	33·5	28th	44·9	59·6	62·8	72·0	73·6	26·4	47·2	12th & 15th.	79·8	39·3	27th & 28th.	40·5
February	68·5	73·0	78·1	81·1	22·2	58·9	27th	88·1	35·9	10th	52·2	65·6	69·2	77·7	79·8	26·3	53·5	12th	88·4	41·5	5th	46·9
March	76·9	82·3	86·3	89·3	21·9	67·4	23rd & 30th.	97·0	44·1	13th	52·9	77·8	83·7	92·4	94·8	31·7	63·1*	30th	103·8	47·0	1st & 8th	56·8
April	83·5	89·0	93·8	97·1	24·0	73·1	16th	102·0	33·2	10th	68·8	85·6	90·0	100·4	102·5	31·8	70·7	17th	109·7	48·0	4th	61·7
May	85·4	88·9	96·3	98·5	24·0	74·5	23rd	105·7	39·3	6th	66·4	89·3	91·8	103·0	105·4	29·8	75·6	22nd, 25th & 26th.	109·7	45·0	6th	64·7
June	79·0	81·5	85·5	90·6	18·2	72·4	2nd	100·2	32·8	22nd	67·4	89·4	89·4	100·1	102·2	23·6	78·6	2nd	107·8	34·2	18th	73·6
July	71·7	71·2	73·9	Max. untrustworthy.		69·4	?	?	?	26th & 28th.	66·8	80·0	80·1	85·6	87·5	13·1	74·4	6th	99·8	28·7	23rd	71·1
August	70·4	70·3	73·2	Ditto.		67·6	?	?	?	23rd	64·9	76·2	76·6†	80·6	82·6	10·8	71·8†	12th	87·4	18·8	24th	68·6
September	72·2	75·0	77·7	80·3	13·7	66·6	12th	85·4	22·6	20th	62·8	79·4	84·8	88·0	91·3	20·5	70·8	12th	97·9	31·3	3rd	66·6
October	72·2	77·5	80·3	83·5	19·4	64·1	22nd	86·8	26·1	7th	60·7	76·8	85·9	88·6	91·4	26·4	65·0	12th	94·5	34·2	18th	60·3
November	68·4	70·4	75·7	78·9	17·9	61·0	9th	84·4	31·0	19th	53·4	68·1	76·1	80·6	83·1	27·6	55·5	2nd	88·9	45·2	30th	43·7
December	64·4	66·3	74·1	75·6	21·0	54·6	23rd	79·4	29·8	12th	49·6	62·8	72·1	78·1	Imperfect.		47·4	?	?	?	11th	44·9
Year	72·8	75·9	80·3	?	?	65·3	...	105·7	60·8	...	44·9	75·9	80·2	87·3	?	?	64·5	...	109·7	69·2	...	40·5

75. NEEMUCH (*corrected*).

* Mean of 29 days
† „ „ 30 „

76. NOWGONG (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	57·3	59·1	68·9	70·9	25·3	45·6	14th	77·0	39·0	8th & 10th	38·0
February	64·5	67·2	76·1	77·5	24·6	52·9*	20th	90·0	43·6	16th & 18th	46·4
March	77·3	84·5	92·1	94·0	31·5	62·5	31st	103·1	51·7	1st	51·4
April	86·1	94·3	100·5	103·4	31·7	71·7	18th	109·4	47·0	9th	62·4
May	91·9	99·1	104·5	107·4	28·2	79·2	26th	113·6	45·1	6th	68·5
June	92·1	95·8	101·0	104·8	21·7	83·1	21st	110·4	34·5	7th	75·9
July	80·7	81·2	84·9	87·4	11·0	76·4	6th	97·1	26·6	21st	70·5
August	78·5	78·8	81·7	84·4	9·2	75·2	1st & 2nd.	89·5	17·5	29th & 30th	72·0
September	79·9	83·3	86·0	89·3	15·6	73·7	26th	92·4	21·9	27th to 29th	70·5
October	76·1	82·1	87·9	89·8	25·6	64·2	19th	93·1	34·8	19th & 31st	58·3
November	66·5	73·7	78·5	81·1	26·7	54·4	3rd	85·0	42·0	30th	43·0
December	58·5	62·7	72·9	74·3	30·2	44·1	15th, 28th & 29th.	77·0	35·5	1st & 2nd	41·5
Year	75·8	80·2	86·3	88·7	23·4	65·3	...	113·6	75·6	...	38·0

* Mean of 26 days.

77. SUTNA (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	57·6	61·2	68·4	69·5	22·7	46·8	15th & 16th.	75·6	37·6	9th	38·0
February	65·6	69·7	77·2	78·9	25·0	53·9	20th	91·0	44·6	11th	46·4
March	77·7	85·1	92·3	94·1	31·1	63·0	31st	102·7	51·2	1st	51·5
April	86·8	96·0	100·9	102·9	30·3	72·6	18th	108·1	43·4	5th & 9th	64·7
May	91·7	99·9	104·0	106·7	27·3	79·4	27th	113·5	42·5	5th & 6th	71·0
June	92·1	97·1	100·6	104·5	21·0	83·5	13th & 22nd.	109·5	35·2	30th	74·3
July	79·8	81·6	83·2	85·9	9·5	76·4	6th	93·0	19·7	2nd, 27th & 28th.	73·3
August	78·2	80·3	81·4	84·6	9·6	75·0	7th	89·7	18·4	17th	71·3
September	79·5	83·6	85·2	88·0	14·2	73·8	25th, 29th & 30th.	91·2	20·9	29th	70·3
October	76·0	83·6	87·4	89·3	24·8	64·5	19th	92·4	35·0	20th	57·4
November	67·7	75·3	79·7	81·5	25·8	55·7	1st & 3rd.	84·6	39·2	30th	45·4
December	58·9	66·5	73·3	74·9	30·5	44·4	23rd	78·3	35·9	1st, 11th to 13th, 19th, 20th & 27th.	42·4
Year	76·0	81·7	86·1	88·4	22·7	65·8	...	113·5	75·5	...	38·0

78. INDORE (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	61·2	67·7	72·6	74·9	25·2	49·7	31st	81·0	40·3	10th	40·7
February	67·1	73·4	79·3	81·3	26·4	54·9	19th & 20th.	87·7	41·5	11th	46·2
March	76·6	85·9	90·7	93·1	30·7	62·4	30th	100·0	45·4	28th	54·6
April	84·1	92·0	97·6	99·9	29·3	70·6	17th	104·3	44·7	5th	59·6
May	87·3	93·5	99·4	101·9	26·7	75·2	23rd	108·8	46·3	6th	62·5
June	83·4	87·1	91·1	95·7	20·1	75·6	2nd	102·6	33·1	10th	69·5
July	77·0	78·3	81·5	83·4	11·0	72·4	6th	92·1	21·9	8th	70·2
August	75·1	76·4	79·1	81·4	10·3	71·1	15th & 31st.	84·6	15·4	23rd	69·2
September	76·5	82·2	83·9	88·2	18·3	69·9	12th & 13th.	93·2	27·2	4th	66·0
October	74·0	84·5	85·4	89·1	26·6	62·5	23rd	91·7	30·6	20th	55·1
November	68·3	76·9	80·7	83·6	27·8	55·8	3rd	87·6	43·3	30th	44·3
December	62·1	72·7	78·0	80·6	34·4	46·2	22nd	85·1	42·9	20th	42·2
Year	74·4	80·9	84·9	87·8	23·5	63·9	...	108·8	68·1	...	40·7

79. BICKANEER (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	57·1	59·8	65·6	68·9	20·3	48·6	11th	77·5	32·5	28th	45·0
February	62·7	66·9	71·7	74·6	20·9	53·7	25th	84·8	36·6	2nd	48·2
March	78·8	83·3	89·8	92·2	24·4	67·8	29th	101·3	42·1	1st	59·2
April	88·0	92·5	101·0	102·2	27·2	75·0	28th	108·8	43·0	7th	65·8
May	93·3	97·9	106·5	107·9	27·8	80·1	29th	115·3	49·6	4th	65·7
June	93·8	94·7	105·4	106·4	24·2	82·2	24th	110·2	46·2	4th	64·0
July	92·2	94·1	101·6	103·0	20·2	82·8	8th	111·0	32·3	13th	78·7
August	86·7	88·9	93·8	96·1	16·5	79·6	9th	103·9	28·6	25th	75·3
September	82·8	90·0	98·4	99·6	21·0	78·6	13th	104·5	32·8	19th	71·7
October	82·8	87·1	92·7	94·3	21·5	72·8	12th	99·1	35·2	30th	63·9
November	71·9	76·4	81·7	83·9	21·8	62·1	4th	90·4	40·8	27th	49·6
December	63·6	66·0	73·5	75·3	21·6	53·7	12th	80·9	31·9	31st	49·0
Year	80·0	83·1	90·1	92·0	22·3	69·8	...	115·3	70·3	...	45·0

80. JEYPORE (*corrected*).

Month.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	57·3	48·4	60·9	67·7	52·2	69·7	25·0	44·7	12th	78·1	43·1	1st	35·0
February	64·1	55·6	66·8	73·9	60·0	76·3	24·3	52·0	29th	86·0	41·3	10th	44·7
March	78·5	66·4	83·5	91·0	72·9	93·1	30·6	62·5	30th	102·1	50·0	1st	52·1
April	86·0	72·8	91·6	99·1	80·4	101·2	31·8	69·4	17th	107·9	50·0	9th	57·9
May	92·1	79·1	97·5	104·5	86·8	106·6	29·4	77·2	26th	113·9	50·9	4th	63·0
June	92·7	82·5	95·0	103·4	89·3	105·7	24·6	81·1	23rd	110·1	36·1	18th	74·0
July	84·8	79·3	86·6	90·6	82·8	93·9	15·8	78·1	3rd	105·0	31·0	11th & 16th.	74·0
August	79·5	75·7	80·7	83·7	77·8	86·9	12·3	74·6	12th	93·3	22·3	30th	71·0
September	82·4	73·9	86·2	92·1	77·4	93·9	21·7	72·2	10th	101·1	34·2	30th	66·9
October	77·5	66·9	84·4	87·9	70·8	91·1	26·4	64·7	13th	96·5	41·3	31st	55·2
November	68·6	57·5	75·8	79·7	61·4	82·7*	28·1	54·6	3rd	89·1	46·9	30th	42·2
December	61·8	48·8	68·9	75·9	53·6	78·3	32·9	45·4	22nd	83·0	43·8	31st	39·2
Year	77·1	67·3	81·5	87·5	72·1	90·0	25·2	64·7	...	113·9	78·9	...	35·0

81. SAMBHAR (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	53·6	56·3	66·3	69·5†	26·6	42·9	12th	75·5	40·7	4th	34·8
February	61·7	64·2	72·9	75·9	24·9	51·0	10th	82·2	40·1	10th	42·1
March	76·1	80·2	89·1	90·6	28·2	62·4	30th	98·9	48·1	1st	50·8
April	84·8	87·6	96·5	98·3	26·4	71·9	30th	106·0	48·9	5th	57·1
May	90·6	93·2	102·4	104·2	25·5	78·7	26th	110·1	48·3	4th	61·8
June	90·5	92·5‡	102·2‡	105·9‡	24·4	81·5‡	21st	112·5	41·7	15th	71·2
July	84·7	86·4	91·8	96·0	17·5	78·5	7th	109·0	34·1	5th	74·9
August	79·1	80·2	83·8	86·4	11·4	75·0	20th	92·7	21·0	23rd	71·7
September	81·5	84·5	91·2	93·2	19·5	73·7	12th	102·0	33·6	19th	68·4
October	75·4	81·7	88·9	91·0	27·4	63·6	13th	95·6	41·3	31st	54·3
November	65·4	71·4	79·5	81·3	27·7	53·6	6th	89·4	48·5	29th	40·9
December	56·8	61·5	74·3	76·0	32·6	43·4	13th	80·1	42·8	31st	37·3
Year	75·1	78·3	86·6	89·0	24·3	64·7	...	112·9	78·1	...	34·8

* Mean of 29 days. † Mean of 26 days. ‡ ,, ,, 24 ,, § Mean of 23 days.

82. AJMERE (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	55·1	60·5	67·3	68·3	26·0	42·3	12th	77·2	44·2	28th	33·0
February	63·2	67·6	74·0	75·9	25·0	50·9	24th	84·7	42·8	9th	41·9
March	77·3	82·3	90·0	91·9	28·8	63·1	31st	100·3	49·0	1st	51·3
April	86·1	89·6	97·7	99·7	27·2	72·5	17th	104·8	46·1	5th	58·7
May	90·7	93·9	102·3	103·7	25·3	78·4	26th	110·8	49·6	5th	61·2
June	89·8	90·6	101·2	102·4	21·5	80·9	12th	107·8	39·7	15th & 16th	68·1
July	83·2	83·6	90·2	91·5	13·6	77·9	6th	102·8	29·2	15th	73·6
August	77·6	78·0	82·2	83·4	9·3	74·1	9th	90·2	19·6	27th	70·6
September	80·3	83·0	89·2	90·6	17·8	72·8	13th	95·3	29·1	30th	66·2
October	73·7	81·3	86·8	88·5	27·4	61·1	12th & 13th	93·2	39·9	31st	53·3
November	64·3	71·7	78·3	79·2	28·0	51·2	3rd	85·7	47·8	29th	37·9
December	58·1	65·3	74·7	75·7	32·8	42·9	18th & 21st	79·2	40·8	2nd	38·4
Year	75·0	79·0	86·2	87·6	23·6	64·0	...	110·8	77·8	...	33·0

83. MOUNT ABU (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	53·1	55·8	58·0	59·8	11·6	48·2	21st	64·1	26·7	27th	37·4
February	58·2	61·7	63·1	65·9	12·7	53·2	29th	73·6	27·6	5th	46·0
March	70·0	73·9	76·7	78·7	15·4	63·3	29th & 30th	85·8	29·7	26th	56·1
April	75·4	77·2	82·6	84·1	16·0	68·1	16th	89·6	28·8	13th	60·8
May	78·2	81·1	86·3	87·7	17·6	70·1	12th	94·0	34·3	3rd	59·7
June	75·6	76·8	83·2	84·3	16·4	67·9	11th	89·2	25·4	17th	63·8
July	69·5	69·5	73·3	74·3	8·7	65·6	7th	84·0	21·1	19th & 25th	62·9
August	66·4	66·9	69·0	70·2	6·4	63·8	19th	73·9	13·5	28th, 30th & 31st.	60·4
September	69·8	73·7	75·2	76·8	12·4	64·4	17th	82·4	23·5	2nd	58·9
October	70·5	75·7	76·5	78·8	14·3	64·5	20th	81·6	21·9	31st	59·7
November	62·7	67·4	68·5	70·8	14·0	56·8	5th	77·5	30·7	29th	46·8
December	59·7	66·4	66·1	69·2	15·9	53·3	20th	76·6	28·4	1st	48·2
Year	67·4	70·5	73·2	75·1	13·5	61·6	...	94·0	56·6	...	37·4

84. PACHPADRA (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	60·8	60·2	74·0	75·5	27·9	47·6*	11th	82·9	42·7	28th	40·2
February	67·3	67·4	79·7	81·3	26·4	54·9	18th	89·2	39·4	9th	49·8
March	79·5	80·1	94·2	97·5	32·7	64·8	31st	107·9	54·7	1st	53·2
April	86·8	86·9†	101·1†	104·7†	32·2	72·5†	26th	110·3	45·8	4th	64·5
May	90·4	91·6	103·9	108·8	32·0	76·8*	15th	116·3	53·0	4th	63·3
June	91·4	91·1	102·1	106·4	25·7	80·7	10th & 11th.	110·5	37·7	17th	72·8
July	88·6	88·7	96·4	99·5	18·8	80·7	7th	106·1	29·1	20th	77·0
August	84·2	84·1	90·7	93·5	15·9	77·6	6th	103·4	29·3	23rd	74·1
September	86·0	86·8	97·6	99·7	25·4	74·3	19th	105·5	34·1	29th	71·4
October	81·9	86·3	96·6	99·4	32·3	67·1	13th	103·0	48·2	31st	54·8
November	71·2	74·2	85·7	87·9	31·3	56·6	5th	95·3	51·4	30th	43·9
December	64·0	65·0	81·3	82·4	35·8	46·6	21st	86·6	44·4	2nd	42·2
Year	79·3	80·2	91·9	94·7	28·0	66·7	...	116·3	76·1	...	40·2

* Mean of 30 days.

85. JACOBABAD (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	54·7	60·5	68·3	71·4	30·3	41·1	19th & 20th.	77·0	44·2	6th	32·8
February	62·0	63·2	73·1	74·9	24·0	50·9	29th	87·8	42·7	4th	45·1
March	77·7	82·2	91·8	94·4†	30·8	63·6	29th	106·1	54·1	26th	52·0
April	87·9	92·1	103·0	104·9	32·2	72·7	17th	113·6	54·0	7th	59·6
May	93·1	98·8	110·4	112·5	36·7	75·8	27th	123·0	61·0	4th	62·0
June	97·6	97·9	112·1†	113·5†	30·5	83·0	6th	118·4	41·2	10th & 15th.	77·2
July	95·8	95·7	107·3	109·3	25·0	84·3	8th	118·0	40·2	15th	77·8
August	93·6	93·1	105·1	107·2	25·2	82·0	3rd	112·6	39·2	31st	73·4
September	88·3	89·1	102·7	104·4	30·6	73·8	19th	111·5	43·4	17th	68·1
October	79·7	85·9*	95·4*	97·6*	33·6	64·0*	18th	102·8	46·9	31st	55·9
November	67·3	73·0	83·3	86·4	35·1	51·3	3rd	94·7	55·4	23rd	39·3
December	60·4	63·1	76·2	78·2	33·7	44·5	21st	82·6	46·6	24th	36·0
Year	79·8	82·9	94·1	96·2	30·6	65·6	...	123·0	90·2	...	32·8

† Mean of 29 days.

86. HYDERABAD (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	61·1	67·0	71·6	74·1*	23·6	50·5	20th	81·5	35·8	6th & 8th	45·7
February	66·0	72·8	76·4	78·1	22·5	55·6	29th	88·6	41·9	1st & 3rd	46·7
March	79·2	86·8	91·8	95·6†	29·0	66·6	29th	105·4	47·5	5th	57·9
April	84·9	91·5	96·4	101·3	27·9	73·4	30th	107·0	39·5	2nd & 4th	67·5
May	89·2	95·7	101·3	107·0	29·9	77·1	19th	116·6	47·5	6th	69·1
June	89·2	94·4	97·0	Untrustworthy.	?	81·3	...	?	?	10th	72·0
July	87·3	91·5	93·8	109·2	28·5	80·7	10th	113·4	38·2	17th	75·2
August	86·3	88·5	92·3	104·9	24·7	80·2	20th	110·6	36·4	21st	74·2
September	82·9	87·5	91·6	105·6	31·4	74·2	18th	107·6	35·8	7th	71·8
October	81·6	85·2	93·0	106·2	36·0	70·2	5th	107·6	45·5	29th	62·1
November	72·1	75·6	84·1	84·8‡	24·8	60·0	14th	92·0	41·8	27th	50·2
December	65·9	68·0	77·9	80·2	26·3	53·9	13th	87·0	42·5	25th	44·5
Year	78·8	83·7	88·9	?	?	68·6	...	116·6	72·1	...	44·5

87. KURRACHEE (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	62·4	64·9	71·7	74·1	20·7	53·4	9th	81·1	34·7	27th	46·4
February	67·7	69·2	74·6	77·0	17·2	59·8	29th	86·8	39·2	3rd	47·6
March	77·4	80·0	82·2	86·2	17·0	69·2	21st	94·7	32·7	2nd	62·0
April	81·3	84·5	86·1	89·4	15·0	74·4	6th	98·6	29·9	2nd & 4th	68·7
May	84·2	88·6	88·3	92·9	16·2	76·7	18th	102·3	35·7	7th	66·6
June	86·6	88·9	89·9	93·0	10·6	82·4	14th	94·8	15·2	10th	79·6
July	84·2	85·9	87·0	90·0	9·5	80·5	4th	93·5	14·9	17th	78·6
August	81·7	83·5	84·4	87·4	9·0	78·4	9th	91·8	16·0	24th	75·8
September	81·0	83·8	84·4	87·6	11·8	75·8	17th	94·9	22·2	16th	72·7
October	80·8	86·7	87·1	91·9	19·5	72·4	16th	98·1	30·4	27th	67·7
November	73·9	80·7	84·2	87·2	24·3	62·9	5th	96·0	43·8	26th	52·2
December	69·2	73·0	78·9	81·6	24·0	57·6	18th	85·6	37·5	25th	48·1
Year	77·5	80·8	83·2	86·5	16·2	70·3	...	102·3	55·9	...	46·4

* Mean of 24 days.
† " " 30 "
‡ " " 22 "

88. BHUJ (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	65·4	69·3	76·3	78·5	24·1	54·4	21st	84·4	36·2	2nd	48·2
February	70·3	72·6	79·5	81·1	20·0	61·1	29th	91·0	37·4	3rd	53·6
March	80·4	84·6	92·8	95·1	27·1	68·0	29th	104·6	41·7	1st	62·9
April	84·4	91·0	96·2	99·8	27·3	72·5	15th	106·6	42·6	3rd	64·0
May	86·7	93·4*	97·8	101·6*	26·0	75·6*	13th	110·1	41·4	5th & 6th	68·7
June	87·6	92·6	95·1	98·9	18·8	80·1	9th	104·0	26·3	30th	77·7
July	82·1	86·3	85·9	90·2	11·9	78·3	6th	98·3	25·1	15th	73·2
August	79·3	81·9	83·1	86·1	10·6	75·5	8th	90·5	17·6	21st	72·9
September	81·3	85·4	89·5	92·3	19·2	73·1	18th	100·4	29·6	6th & 12th.	70·8
October	82·5	89·1	93·9	96·6	25·6	71·0	13th	100·3	34·2	28th	66·1
November	74·5	80·6	85·3	87·5	23·9	63·6	4th	95·5	43·1	29th	52·4
December	68·9	74·5	81·8	83·4	27·5	55·9	19th	86·5	36·2	3rd	50·3
Year	78·6	83·4	88·1	90·9	21·8	69·1	...	110·1	61·9	...	48·2

* Mean of 30 days.

89. RAJKOT (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	66·9	73·8	81·0	83·6	30·8	52·8	25th	86·9	40·7	28th	46·2
February	70·0	75·0	82·2	86·4	28·7	57·7	29th	97·1	47·3	10th	49·8
March	80·1	84·4	95·6	98·4	33·8	64·6	29th	105·1	45·2	1st & 25th.	59·9
April	84·5	89·9	100·0	102·5	33·6	68·9	15th	107·4	47·5	3rd	59·9
May	88·3	91·6	101·8	105·4	30·6	74·8	12th	110·8	43·4	5th	67·4
June	87·1	90·8	98·9	102·1	26·8	75·3	1st	106·8	35·6	30th	71·2
July	81·6	86·7	90·0	93·8	20·6	73·2	8th	103·7	34·0	30th	69·7
August	78·9	81·3	84·2	88·0	14·4	73·6	15th	92·7	21·7	22nd	71·0
September	81·5	82·7	92·1	94·2	23·3	70·9	18th	97·5	29·6	13th	67·9
October	81·8	87·1	95·8	97·6	29·8	67·8	20th	100·9	40·0	28th	60·9
November	74·3	79·5	85·9	87·9	25·3	62·6	4th	97·1	46·1	30th	51·0
December	68·6	74·1	84·0	86·1	32·9	53·2	19th	90·1	42·9	31st	47·2
Year	78·6	83·1	91·0	93·8	27·6	66·3	...	110·8	64·6	...	46·2

90. DEESA (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	66·4	71·0	78·2	80·1	27·2	52·9	3rd	85·2	40·9	28th	44·3
February	72·0	75·3	82·2	83·7	24·2	59·5	29th	93·4	43·5	10th	49·9
March	83·3	86·3	96·3	98·0	31·2	66·8	29th & 30th.	105·4	46·2	27th	59·2
April	89·1	91·2	102·0	103·8	31·8	72·0	29th	109·0	42·7	1st	66·3
May	92·6	93·4	105·4	107·1	30·8	76·3	15th	115·6	50·3	5th	65·3
June	91·4	91·8	102·3	103·7	22·9	80·8	10th	108·4	36·7	18th	71·7
July	84·7	85·8	91·2	93·4	15·1	78·3	7th	103·8	30·8	15th	73·0
August	81·4	82·3	86·9	89·2	13·4	75·8	19th & 30th.	97·6	26·3	22nd	71·3
September	84·3	86·7	94·6	96·0	22·6	73·4	17th	103·1	32·3	3rd & 21st.	70·8
October	82·4	89·4	95·5	97·8	29·6	68·2	13th & 14th.	101·2	39·4	21st	61·8
November	73·9	80·9	85·8	88·3	27·2	61·1	4th	95·7	45·6	30th	50·1
December	70·4	77·1	85·0	87·1	34·2	52·9	19th & 22nd.	90·3	41·5	1st	48·8
Year	81·0	84·3	92·1	94·0	25·9	68·2	...	115·6	71·3	...	44·3

91. SURAT (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	?	75·4	81·2	84·6	?	Imperfect.	15th	90·5	?	...	?
February	73·6	79·9	85·7	89·5	28·1	61·4	29th	99·7	52·9	10th	46·8
March	81·2	86·2	93·6	97·8	29·0	68·8	22nd	109·3	45·9	3rd	63·4
April	84·3	89·6	95·5	101·0	28·0	73·0	15th	108·8	41·8	1st	67·0
May	84·8	89·1	92·4	98·3	21·2	77·1	12th	111·2	43·7	4th	67·5
June	85·5	88·2	90·7	94·7	14·4	80·3	3rd	99·6	25·1	30th	74·5
July	80·7	82·7	83·8	87·0	9·5	77·5	6th & 7th	90·1	15·9	2nd	74·2
August	78·9	81·7	83·4	85·6	11·2	74·4	10th	89·9	17·1	11th & 24th.	72·8
September	81·2	84·6	87·8	91·5	16·9	74·6	26th	94·2	22·2	4th, 5th & 28th.	72·0
October	78·8	84·6	88·0	96·5	26·9	69·6	19th	100·8	36·0	20th	64·8
November	75·0	80·1	85·3	92·7	28·0	64·7	4th	97·5	41·1	30th	56·4
December	68·5	75·3	82·1	89·9	35·1	54·8	25th	92·5	40·8	12th	51·7
Year	?	83·1	87·5	92·4	?	?	...	111·2	64·4	...	46·8

92. MALEGAON (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	66·7	69·9	78·9	80·0	25·5	54·5	25th	87·8	42·2	29th	45·6
February	72·5	77·3	87·0	88·6	30·6	58·0	28th	94·8	47·2	10th	47·6
March	80·9	88·7	95·7	97·8	31·8	66·0	30th	103·9	45·5	8th	58·4
April	85·8	94·6	100·4	103·5	32·3	71·2	16th	107·9	41·6	5th	66·3
May	87·9	94·3	101·0	103·7	29·0	74·7	27th	109·0	41·5	5th	67·5
June	82·7	87·3	89·4	96·2	20·3	75·9	1st	104·0	30·0	22nd	74·0
July	78·4	80·7	83·1	86·9	13·2	73·7	9th	91·3	19·2	27th	72·1
August	77·8	81·2	83·2	87·5	15·2	72·3	31st	91·4	22·1	29th	69·3
September	77·6	83·8*	85·0*	91·2*	21·0	70·2*	14th	95·8	30·4	4th	65·4
October	78·6	84·7	90·5	92·3	25·6	66·7	14th	95·0	36·1	21st	58·9
November	74·2	79·7	85·7	87·7	25·0	62·7	3rd	92·1	40·6	20th	51·5
December	67·8	74·5	84·3	85·5	34·3	51·2	22nd	88·0	43·5	12th	44·5
Year	77·6	83·1	88·7	91·7	25·3	66·4	...	109·0	64·5	...	44·5

* Mean of 27 days.

93. BOMBAY (*corrected*).

Month.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	75·1	70·6	74·3	78·4	73·4	81·0	12·2	68·8	7th	86·0	21·8	29th	64·2
February	76·8	71·5	77·0	80·0	74·8	83·1	13·0	70·1	22nd	86·8	21·8	10th	65·0
March	80·8	76·2	82·0	83·1	78·7	86·8	11·8	75·0	21st	95·6	23·8	8th & 9th	71·8
April	82·1	78·9	84·9	85·5	81·0	88·9	10·7	78·2	13th	91·4	16·4	1st & 4th	75·0
May	85·0	80·9	86·3	87·1	82·6	90·0	9·7	80·3	31st	91·6	16·4	4th	75·2
June	82·9	81·0	84·1	84·7	82·2	87·4	7·7	79·7	3rd	93·0	19·0	8th	74·0
July	81·1	80·3	81·8	82·1	80·6	84·6	6·8	77·8	12th	87·5	14·2	14th	73·3
August	79·6	78·6	80·5	80·6	79·1	83·5	6·9	76·6	9th	86·4	11·6	2nd	74·8
September	81·7	78·4	82·4	83·6	79·9	85·8	8·6	77·2	18th	86·8	12·0	12th	74·8
October	82·9	78·4	84·4	87·2	81·4	90·1	12·8	77·3	19th	94·5	20·1	4th	74·4
November	80·6	76·6	82·2	84·9	79·3	88·2	12·8	75·4	2nd	95·6	25·6	21st	70·0
December	77·2	72·5	77·8	82·8	75·5	86·0	14·7	71·3	18th	90·4	23·4	30th	67·0
Year	80·5	77·0	81·5	83·3	79·0	86·3	10·6	75·6	...	95·6	31·4	...	64·2

94. POONA (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	71·3	71·9	80·5	82·5	27·1	55·4	25th	89·8	42·6	11th	47·2
February	77·1	78·0	88·1	91·0	33·4	57·6	29th	97·7	53·0	11th	44·7
March	83·7	86·4	94·3	98·0	33·1	64·9	29th	103·7	47·5	9th	56·2
April	86·8	92·5	98·3	103·0	34·0	69·0	15th	107·4	43·0	2nd & 6th	64·4
May	84·0	89·6	94·8	100·0	30·5	69·5	9th	105·2	47·9	7th	57·3
June	80·3	85·2	84·9	92·2	19·3	72·9	2nd	99·2	29·0	23rd	70·2
July	75·1	77·5	77·3	81·3	10·1	71·2	23rd	85·7	16·2	14th	69·5
August	74·7	76·4	76·5	81·1	11·2	69·9	30th	84·1	15·2	29th	68·9
September	76·4	79·9	80·4	86·4	17·5	68·9	10th	90·5	26·8	3rd	63·7
October	79·5	82·7	87·3	89·7	23·4	66·3	18th	93·2	36·1	23rd	57·1
November	77·3	78·9	83·8	86·5	23·4	63·1	2nd	91·3	41·8	20th	49·5
December	72·4	73·4	83·6	85·1	31·3	53·8	8th	88·1	41·5	14th	46·6
Year	78·2	81·2	85·8	89·7	24·5	65·2	...	107·4	62·7	...	44·7

95. SHOLAPUR (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	79·7	84·4	91·7	93·8	25·5	68·3	...	110·0	63·9	...	46·1
February	81·9	87·3	95·1	97·4	30·3	67·1	25th	97·4	30·3	1st	67·1
March	86·4	92·1	98·8	101·3	29·5	71·8	30th	107·9	44·5	9th	63·4
April	88·0	92·1	98·3	103·6	30·2	75·9	4th	108·7	37·9	20th	70·8
May	89·0	94·5	100·9	104·5	30·1	74·4	24th	110·0	42·7	1st	67·3
June	84·6	87·8	91·7	95·7	22·3	73·4	1st	106·4	39·1	18th	67·3
July	84·6	87·8	87·3	90·8	20·1	70·7	31st	94·8	27·9	27th	66·9
August	84·1	87·8	87·3	90·8	20·1	70·7	31st	94·8	27·9	27th	66·9
September	83·7	87·3	88·0	92·1	20·8	71·3	25th	97·4	30·3	1st	67·1
October	82·6	86·3	91·0	93·4	24·8	68·6	25th	95·9	32·7	7th	63·2
November	80·2	84·3	89·0	92·0	22·8	69·2	1st	92·0	37·3	19th	54·7
December	77·1	80·2	84·3	86·2	29·8	56·4	2nd	90·2	44·1	14th	46·1
Year	84·4	91·0	93·8	25·5	68·3	...	110·0	63·9	...	46·1	

96. RATNAGIRI (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	73·9	80·6	80·8	84·6	17·7	66·9	7th	90·0	28·4	11th	61·6
February	74·8	81·5	82·0	84·4	16·8	67·6	3rd	88·4	29·5	11th	58·9
March	78·8	85·0	84·2	87·6	14·2	73·4	27th	92·6	24·4	8th	68·2
April	81·8	87·2	87·0	89·7	13·1	76·6	12th	93·9	24·1	2nd	69·8
May	82·6	87·4	87·2	90·0	12·1	77·9	22nd	92·0	19·8	6th	72·2
June	79·7	83·3	83·2	86·4	10·2	76·2	2nd	92·0	18·0	8th, 18th, 20th & 30th.	74·0
July	78·5	81·9	81·3	84·6	8·9	75·7	24th	86·9	14·1	14th	72·8
August	77·9	81·5	80·8	83·7	8·8	74·9	3rd	85·4	13·2	20th	72·2
September	78·4	82·7	82·3	84·8	10·4	74·4	4th & 25th.	87·0	15·2	12th	71·8
October	80·7	89·4	87·0	92·5	18·2	74·3	19th	99·1	28·9	21st, 24th & 25th.	70·2
November	79·5	88·6	85·9	91·7	18·6	73·1	2nd	98·2	35·0	19th	63·2
December	76·8	87·3	85·1	91·5	23·0	68·5	16th	95·0	33·8	30th	61·2
Year	78·6	84·7	83·9	87·6	14·3	73·3	...	99·1	40·2	...	58·9

97. BELGAUM (*corrected*).

Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
69·9	72·7	78·9	79·9	22·8	57·1	30th	86·8	35·6	29th	52·2*
75·2	79·0	85·4	87·0†	28·1	58·9	28th	90·6	38·9	12th	51·7
79·3	84·3	88·2	92·6	28·2	64·4	27th	97·4	39·8	12th	57·6
81·2	87·3	89·4	96·7	29·1	67·6	9th & 28th	100·2	36·4	6th	63·8
79·2	83·4	86·4	92·6	25·2	67·4	9th	99·2	37·7	2nd	61·5
73·5	75·6	75·7	79·8	11·6	68·2	1st & 2nd	90·0	23·9	18th	66·1
70·5	72·1	71·6	75·1	8·0	67·1	11th	77·8	12·8	10th	65·0
69·8	71·9	71·2	74·8	8·1	66·7	15th	77·5	12·1	29th	65·4
71·8	71·9	75·4	76·0	8·7	65·0	22nd	86·9	25·7	3rd	61·2
70·2	75·6	79·5	82·1	8·3	64·7	18th & 31st	88·0	29·3	23rd & 24th.	58·7
63·2	73·6	77·3	79·4	8·3	62·6	1st	87·0	36·1	20th	50·9
61·2	71·4	74·6	80·4	8·0	58·0	1st	85·1	35·2	29th	49·9
58·9	74·3	77·8	80·4	8·2	20·2	84·0	...	100·2	50·3	...

* Mean of 30 days. † Mean of 26 days.

98. KARWAR (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	74·2	76·7	82·3	84·9	18·8	66·1	7th	89·3	28·0	11th	61·3
February	74·5	77·7	82·5	85·4	19·0	66·4	29th	93·3	31·8	12th	61·5
March	78·3	82·6	84·3	87·3	15·1	72·2	28th	89·6	26·1	10th	63·5
April	82·0	86·1	86·3	89·7	12·1	77·6	18th	92·1	19·2	2nd	72·9
May	81·1	84·7	85·1	88·3	11·3	77·0	5th & 24th.	90·9	20·1	5th	70·8
June	77·6	80·5	80·2	83·8	8·9	74·9	1st	89·2	19·2	17th	70·0
July	77·7	80·7	80·1	83·0	7·8	75·2	11th	86·2	13·4	4th	72·8
August	76·8	79·4	79·6	82·0	8·0	74·0	13th	83·9	13·6	2nd	70·3
September	78·0	80·4	82·1	84·5	10·7	73·8	24th	87·2	15·4	3rd, 21st & 22nd.	71·8
October	80·1	83·3	86·4	89·3	15·6	73·7	29th	93·8	23·9	24th	69·9
November	78·4	81·3	85·5	88·2	16·9	71·3	27th	92·6	31·6	19th	61·0
December	75·8	78·8	85·9	88·7	23·0	65·7	17th	93·0	34·9	31st	58·1
Year	77·9	81·0	83·4	86·3	13·9	72·3	...	93·8	35·7	...	58·1

99. GOPALPUR (*corrected*).

Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day,	°	Absolute range.	Lowest Minimum. Day.	°
70·3	76·0	75·6	77·6	12·7	64·9	19th	81·2	23·4	13th	57·8
75·8	80·4	80·5	82·2	11·1	71·1	27th & 28th.	86·2	21·3	1st	64·9
79·5	83·1	83·1	85·1	9·3	75·8*	23rd	88·2	21·3	9th	66·9
81·2	83·5	83·2	84·7	5·5	79·2	8th & 9th	86·2	9·4	19th & 22nd.	76·8
83·6	86·5	85·7	87·5	6·0	81·5	18th to 20th.	90·2	13·4	31st	76·8
84·8	87·5	86·9	89·3	6·7	82·6	15th & 20th.	93·7	15·4	12th	78·3
82·9	84·8	84·7	86·4	5·3	81·1	28th	89·6	12·8	20th	76·8
81·7	83·5	83·4	85·2	5·2	80·0	3rd & 31st	89·2	12·4	27th	76·8
83·9	86·8	87·4	89·4	9·1	80·3	26th, 29th & 30th.	95·2	18·6	17th	76·6
80·7	86·7	85·4	88·2	12·2	76·0	1st	95·7	27·8	23rd	67·9
75·5	79·4	79·8	81·9	10·7	71·2	14th	87·2	22·5	20th	64·7
68·7	75·5	75·4	77·8	15·8	62·0	2nd	83·2	26·8	13th	56·4
79·0	82·8	82·6	84·6	9·1	75·5	...	95·7	39·3	...	56·4

* Mean of 30 days.

100. VIZAGAPATAM (*partly corrected*).

Month.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	75·9	72·9	76·5	78·7	75·3	79·2	8·0	71·2	27th	81·8	16·3	12th & 13th.	65·5
February	80·4	77·3	81·2	83·1	79·7	83·7	8·0	75·7	28th	87·0	15·5	3rd	71·5
March	83·7	81·1	85·1	85·6	83·1	86·6	6·7	79·9	23rd	90·8	15·8	9th	75·0
April	86·9	84·5	89·2	88·0	85·9	89·6	6·3	83·3	29th	92·6	11·0	23rd	81·6
May	88·4	86·7	89·5	89·8	87·7	91·0	7·4	83·6	20th	101·1	22·9	16th	78·2
June	89·8	87·8	90·7	91·6	89·1	93·1	8·8	84·3	5th	100·7	20·6	2nd	80·1
July	85·8	84·2	86·0	87·5	85·5	88·0	7·1	80·9	25th	94·7	16·6	8th	78·1
August	86·4	84·6	87·0	88·2	85·7	89·2	7·9	81·3	4th	92·8	14·0	6th	78·8
September	86·8	85·3	87·4	88·2	86·2	89·0	7·8	81·2	27th & 30th.	92·0	13·3	3rd	78·7
October	84·8	82·5	85·9	86·7	84·1	87·3	9·8	77·5	1st	92·1	20·0	22nd	72·1
November	79·3	77·6	79·7	81·1	78·9	81·7	8·1	73·6	13th	84·8	19·1	21st	65·7
December	75·1	72·3	75·7	77·7	74·5	78·0	11·1	66·9	1st	82·3	22·8	29th	59·5
Year	83·6	81·4	84·5	85·5	83·0	86·4	8·1	78·3	...	101·1	41·6	...	59·5

101. RAJAHMUNDRY (*corrected*).

Month.	Mean.	10 hours.	16 hours.	22 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	65·5	75·7	78·6	83·5	86·6	21·5	65·1	28th	91·0	33·0	12th	58·0
February	71·5	80·7	82·1	90·7	93·0	23·6	69·4	29th	97·5	32·6	7th	64·9
March	75·0	85·2	87·0	94·1	98·1	23·7	74·4	30th	103·2	33·8	1st	69·4
April	81·6	89·3	91·2	96·8	101·0	21·1	79·9	29th	108·9	33·0	5th & 7th	75·9
May	78·2	89·3	91·2	96·5	100·2	20·0	80·2	21st	110·1	40·1	10th & 11th.	70·0
June	80·1	90·2	91·8	97·8	100·6	19·4	81·2	13th	105·5	29·6	20th	75·9
July	78·1	83·5	84·7	87·9	90·1	12·2	77·9	31st	97·0	21·9	9th, 13th & 18th.	75·1
August	78·8	83·8	85·5	87·9	90·9	12·8	78·1	3rd	96·0	22·8	19th	73·2
September	78·7	84·4	87·2	88·4	92·9	15·4	77·5	30th	97·9	23·6	12th	74·3
October	72·1	83·3	87·0	88·8	93·1	19·0	74·1	1st & 3rd	98·2	28·1	20th & 21st.	70·1
November	65·7	78·1	81·3	82·4	86·3	15·8	70·5	14th	91·0	28·4	26th	62·6
December	59·5	74·6	78·2	82·1	85·2	21·6	63·6	17th	88·2	30·5	11th	57·7
Year	59·5	83·2	85·5	89·7	93·2	18·8	74·3	...	110·1	52·4	...	57·7

* Corrected from 19th April.

102. MASULIPATAM (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	73·9	79·4	79·9	82·8	18·1	64·7	28th	90·0	29·8	11th	60·2
February	76·9	82·6	84·5	86·9	20·3	66·6	27th	93·2	32·0	23rd	61·2
March	80·7	86·9	87·1	89·7	18·7	71·0	22nd	93·2	26·2	2nd	67·0
April	85·0	90·9	89·9	92·5	14·6	77·9	28th	96·7	24·6	3rd	72·1
May	86·1	91·4	91·5	Untrustworthy.	?	79·3	?	?	?	12th	72·3
June	88·6	92·0	92·2		?	80·2	?	?	?	16th	71·0
July	84·0	87·0	90·1		?	77·2	?	?	?	14th	73·1
August	84·5	87·5	91·2		?	77·2	?	?	?	16th	72·0
September	84·6	87·9	90·8	94·2	17·3	76·9	4th	100·0	26·7	9th	73·3
October	82·7	87·8	87·9	92·6	18·2	74·4	1st	98·7	28·4	22nd	70·3
November	77·1	79·8	81·5	84·6	13·4	71·2	28th	87·4	23·7	19th	63·7
December	73·1	77·5	79·7	83·0	19·0	64·0	1st	85·5	27·8	30th	57·7
Year	81·4	85·9	87·6	?	?	73·4	?	?	?	...	57·7

103. SECUNDERABAD (*corrected*).

Month.	Mean.	10 hours.	16 hours.	22 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	70·1	72·0	81·4	68·8	83·8	24·2	59·6	25th & 26th.	90·6	38·1	11th	52·5
February	76·8	79·6	89·5	75·6	91·9	28·4	63·5	16th	96·5	38·4	11th	58·1
March	84·5	87·9	95·5	83·4	99·2	27·2	72·0	24th & 31st.	105·7	40·3	8th	65·4
April	88·9	92·3	100·2	Not recorded.	103·7	26·1	77·6	30th	108·1	40·4	22nd	67·7
May	87·5	90·1	97·7		101·0	23·8	77·2	4th & 30th.	107·1	35·8	13th	71·3
June	83·9	85·0	92·8		95·4	20·4	75·0	1st	107·1	38·3	18th	68·8
July	77·8	78·9	84·0		87·0	15·4	71·6	31st	94·9	25·6	14th	69·3
August	78·3	79·5	85·0		88·0	16·5	71·5	3rd	93·9	24·1	6th, 7th & 29th.	69·8
September	79·6	84·1	86·9		91·4	19·1	72·3	29th	95·7	27·8	12th	67·9
October	78·5	84·5	88·7		92·3	24·1	68·2	6th & 9th	94·4	33·1	22nd	61·3
November	73·2	77·4	80·8		84·5	18·9	65·6	3rd	89·8	36·1	20th	53·7
December	68·1	74·0	79·1		82·5	25·5	57·0	16th	85·5	38·0	28th	47·5
Year	78·9	82·1	88·5	?	91·7	22·5	69·3	...	108·1	60·6	...	47·5

104. KURNOOL (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January .	75·1	79·1	85·9	Not recorded.	?	60·2	?	?	?	9th, 11th & 29th.	55·2
February .	80·1	84·6	93·2	Imperfect.	?	62·6	?	?	?	3rd	56·2
March .	87·9	91·4	99·5	101·5	28·8	72·7	31st	107·6	49·6	1st	58·0
April .	91·6	94·3	101·6	104·7	25·6	79·1	28th	109·8	40·4	23rd	69·4
May .	87·4	89·6	96·2	99·6	23·2	76·4	22nd	109·2	34·7	13th	74·5
June .	86·9	88·3	95·1	97·9	20·7	77·2	1st	106·6	33·8	19th	72·8
July .	82·9	84·3	89·9	92·3	17·7	74·6	4th & 29th.	96·5	25·1	26th	71·4
August .	82·7	84·4	89·5	92·1	17·8	74·3	3rd & 14th.	95·5	25·7	16th	69·8
September .	83·1	84·9	89·8	92·9	18·4	74·5	5th	98·0	26·8	9th	71·2
October .	83·1	86·9	91·3	93·5	22·4	71·1	18th	96·5	30·8	22nd	65·7
November .	77·8	80·5	85·0	87·2	17·4	69·8	12th	91·8	37·3	19th	54·5
December .	73·5	77·8	84·4	86·3	28·0	58·3	3rd	90·0	43·2	13th	46·8
Year .	82·7	85·5	91·8	?	?	70·7	...	109·8	63·0	...	46·8

105. BELLARY (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January .	85·3	86·8	24·8	62·0	26th & 30th.	92·4	35·8	11th	56·6		
February .	92·2	93·8	29·2	64·6*	16th & 17th.	98·3	40·7	12th	5·76		
March .	98·6	100·6	27·4	73·2†	30th	106·6	42·1	7th	64·5		
April .	100·5	103·2	25·1	78·1†	27th	108·6	40·5	23rd	68·1		
May .	93·6	98·7	22·4	76·3	4th	106·0	34·9	13th	71·1		
June .	91·6	94·3	18·2	76·1	2nd	100·1	28·5	18th	71·6		
July .	86·3	90·3	15·5	74·8	29th	95·8	24·4	14th	71·4		
August .	87·1	90·7	16·8	73·9	14th	94·4	24·3	16th	70·1		
September .	87·8	91·7	18·9	72·8	10th	95·4	25·4	13th	70·0		
October .	88·9	91·4	20·8	70·6†	10th	93·9	26·8	23rd	67·1		
November .	83·4	86·1	19·2	66·9†	12th	90·1	32·4	20th	57·7		
December .	83·0	84·8	24·7	60·1‡	1st	89·5	37·7	13th	51·8		
Year .	89·9	92·7	21·9	70·8	...	108·6	56·8	...	51·8		

* Mean of 28 days. † Mean of 29 days. ‡ Mean of 30 days.

106. MANGALORE (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January .	77·0	81·6	83·7	86·9	16·7	70·2	8th	91·6	25·1	20th	66·5
February .	77·9	82·2	83·9	86·7	14·9	71·8	1st	93·8	26·3	12th	67·5
March .	80·8	84·1	85·9	88·4	12·8	75·6	28th	90·9	20·4	11th	70·5
April .	83·2	85·7	87·2	89·9	10·8	79·1	21st	92·2	19·4	23rd	72·8
May .	81·6	84·3	85·8	88·2	10·8	77·4	28th	93·7	20·2	13th & 29th	73·5
June .	77·2	79·3	80·1	83·1	8·9	74·2	1st	88·8	18·3	22nd	70·5
July .	77·9	80·3	80·4	84·0	8·7	75·3	10th & 11th	86·8	14·8	5th	72·0
August .	76·6	78·9	79·3	82·4	8·6	73·8	25th	85·1	12·9	23rd	72·2
September .	78·0	80·1	81·6	84·0	9·7	74·3	27th	86·0	14·6	9th	71·4
October .	80·4	83·3	85·2	87·5	12·0	75·5	29th	93·5	21·6	1st	71·9
November .	79·2	83·3	84·7	87·8	14·1	73·7	13th	92·9	28·1	19th	64·8
December .	77·8	82·2	85·3	88·9	18·7	70·2	16th	93·4	31·5	13th	61·9
Year .	79·0	82·1	83·6	86·5	12·2	74·3	...	93·8	31·9	...	61·9

107. MERCARA (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January .	64·3	66·9	72·3	77·6	21·3	56·3	29th	84·6	34·1	20th	50·5	
February .	67·3	71·9	76·6	82·5	24·5	58·0	20th	86·7	31·3	3rd, 5th & 7th.	55·4	
March .	72·1	77·3	80·2	85·2	21·3	63·9	22nd & 26th.	89·5	31·8	11th	57·7	
April .	70·6	77·2	76·9	84·7	20·5	64·2	27th	86·5	27·4	15th	59·1	
May .	69·1	75·2	74·2	82·3	18·3	64·0*	6th	87·5	26·4	29th	61·1	
June .	65·5	68·0	67·3	74·5	10·8	63·7	3rd	80·5	20·1	22nd	60·4	
July .	64·6	66·2	65·5	71·1	7·5	63·6	31st	74·8	13·0	5th	61·8	
August .	64·3	65·6	65·2	70·3	7·0	63·3	15th	74·8	13·2	8th	61·6	
September .	66·8	70·2	69·7	76·4	12·6	63·8	24th	83·2	23·6	9th	59·6	
October .	68·2	72·2	72·4	78·7	14·8	63·9	22nd	83·1	23·7	1st	59·4	
November .	?	69·6	71·4	78·4	?	Imperfect.	30th	82·2	?	?	?	
December .	?	68·3	71·4	78·1	?	Not recorded	21st	82·4	?	?	?	
Year .	?	70·7	71·9	78·3	?	?	...	89·5	?	?	?	

* Mean of 23 days.

108. BANGALORE (*corrected*).

Month.	Mean.	10 hours.	16 hours.	22 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	67·6	69·5	76·8	67·2	78·5	20·4	58·1	30th	84·9	33·0	19th	51·9
February	72·2	75·3	83·0	72·1	85·0	25·5	59·5	17th	90·7	37·3	6th	53·4
March	77·2	80·9	88·4	75·6	91·0	25·8	65·2	30th	95·9	37·0	7th	58·9
April	79·9	81·7	90·5		92·6	23·4	69·2	26th	96·1	31·3	3rd	65·8
May	78·0	80·6	86·8		89·5	20·4	69·1	5th	96·3	31·8	12th	64·5
June	74·6	76·7	82·2		?	?	66·9	...	?	?	3rd & 9th.	64·5
July	72·9	75·0	79·2		?	?	66·5	...	?	?	5th	65·0
August	72·4	74·3	78·8		?	?	65·9	...	?	?	6th	63·2
September	73·0	75·1	79·9		?	?	66·0	...	?	?	19th	62·0
October	72·2	76·0	78·7		?	?	65·6	...	?	?	23rd	62·1
November	70·3	73·6	76·7		?	?	63·8	?	?	?	18th	54·1
December	67·3	70·2	75·6		?	?	59·0	?	?	?	26th	51·9
Year	73·1	75·7	81·4		?	?	64·6	?	?	?	...	51·9

Not recorded. Untrustworthy. Imperfect. Not recorded.

109. CUDDAPAH (*corrected*).

Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
76·1	78·8	84·3	86·2	21·1	65·1	27th	92·9	30·7	21st	62·2
81·7	84·3	92·1	94·0	25·4	68·6	18th	99·5	36·1	3rd & 5th.	63·4
88·1	90·7	99·3	101·3	27·0	74·3	31st	107·3	40·5	6th	66·8
92·9	94·3	102·3	104·5	22·5	82·0	29th & 30th.	111·3	35·6	21st	75·7
92·8	94·2	101·1	103·6	20·6	83·0	4th	111·4	36·5	12th	74·9
90·4	91·7	98·2	101·1	19·7	81·4	1st	108·1	33·4	18th	74·7
85·4	87·0	92·0	95·1	17·8	77·3	6th	100·8	29·6	10th	71·2
85·8	87·2	92·7	95·2	17·6	77·6	14th	101·2	29·5	16th	71·7
85·0	86·8	91·6	95·3	18·6	76·7	5th	99·8	28·6	21st	71·2
83·4	86·2	89·5	92·9	18·5	74·4	19th	97·0	26·0	22nd	71·0
78·8	81·2	84·3	88·0	17·1	70·9	11th	92·8	31·8	19th	61·0
74·8	77·6	82·0	85·0	20·2	64·8	1st	88·9	34·1	13th	54·8
84·6	86·7	92·5	95·2	20·5	74·7	...	111·4	36·6	...	54·8

110. MADRAS (*corrected*).

Month.	Mean.	10 hours.	16 hours.	22 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	74·7	79·6	80·7	71·9	84·2	16·5	67·7	28th	88·7	26·4	18th	62·3
February	76·7	82·1	82·5	74·4	86·0	17·4	68·6	26th & 27th.	88·2	24·7	8th	63·5
March	79·9	85·6	85·0	77·6	88·9	16·7	72·2	10th	92·3	23·9	5th	68·4
April	84·6	89·6	87·9	82·7	92·5	13·9	78·6	24th & 26th.	98·1	25·9	3rd	72·2
May	85·5	90·2	89·1	83·7	94·6	14·9	79·7	21st	103·2	27·6	11th	75·6
June	86·9	91·3	92·1	84·0	99·0	18·0	81·0	2nd	104·1	27·4	11th	76·7
July	84·0	87·8	89·3	81·2	95·5	17·3	78·2	4th	102·2	29·7	18th	72·5
August	82·9	86·2	88·8	80·3	92·8	16·3	76·5	10th	98·4	27·0	1st	71·4
September	83·4	87·8	87·4	81·5	94·4	17·5	76·9	27th	97·7	28·3	4th	69·4
October	80·6	84·9	83·9	79·0	88·6	13·7	74·9	3rd	97·2	26·3	22nd	70·9
November	78·5	82·2	81·9	76·8	86·0	12·6	73·4	9th	89·3	22·3	20th	67·0
December	75·0	78·9	79·1	72·8	82·8	13·7	69·1	1st	86·4	25·3	30th	61·1
Year	81·1	85·5	85·6	78·8	90·4	15·7	74·7	...	104·1	43·0	...	61·1

111. SALEM (*corrected*).

Mean.	10 hours.	16 hours.	22 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
74·9	79·1	86·1	74·4	87·8	26·2	61·6	29th	93·3	36·7	19th & 20th.	56·6
78·3	81·7	91·9	78·6	93·9	31·7	62·2	17th & 19th.	97·5	40·9	3rd, 6th & 8th.	56·6
84·1	86·6	96·8	83·0	99·4	27·6	71·8	30th	104·7	38·7	3rd	66·0
87·8	89·5	98·4		101·5	24·4	77·1	30th	107·7	36·1	20th	71·6
84·8	88·3	93·2		98·1	21·8	76·3	3rd	105·6	36·0	12th	69·6
82·3	85·9	90·9		95·0	21·3	73·7	2nd	102·7	32·1	3rd	70·6
82·1	84·4	91·2		94·3	21·3	73·0	17th	99·4	29·4	31st	70·0
81·0	82·6	89·8		92·2	20·1	72·1	13th	96·7	26·9	6th	69·8
81·1	84·0	90·3	Not recorded.	93·1	21·2	71·9	9th	97·5	29·0	12th	68·5
79·0	83·4	87·2		90·2	19·4	70·8	22nd	94·2	26·6	19th	67·6
?	81·0	84·0		87·2	?	?	7th	90·7	?	?	?
?	78·4	82·4		?	?	?	?	?	?	?	?
?	83·7	90·2	?	?	?	?	...	107·7	?	?	?

112. WELLINGTON (*corrected*).

Month.	Mean.	10 hours.	16 hours.	22 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January .	54·5	60·7	61·7	52·0	65·4	20·4	45·0	25th	71·2	33·0	19th to 21st	38·2	77·4	81·4	85·3	87·3	17·9	69·4	1st	90·0	24·9	20th	65·1
February .	57·8	65·0	66·9	54·0	70·8	25·1	45·7	16th	73·6	35·5	5th	38·1	78·7	82·9	86·2	88·6	17·4	71·2	29th	90·8	23·7	6th	67·1
March .	62·5	69·6	70·1	58·9	74·0	21·7	52·3	30th	78·8	33·4	7th	45·4	81·6	86·1	87·9	90·8	15·5	75·3	28th	93·2	20·8	3rd	72·4
April .	66·9	72·3	72·2		76·7	19·7	57·0	9th	81·2	31·3	4th	49·0	83·7	87·3	88·6	91·6	12·9	78·7	22nd	94·1	20·2	15th & 16th	73·9
May .	65·7	70·4	69·5		73·5	15·7	57·8	4th	79·0	24·5	14th	54·5	81·6	85·0	85·9	88·6	11·3	77·3	2nd & 5th	92·0	18·1	11th	73·9
June .	66·4	68·8	67·8		73·4	14·1	59·3	15th	79·0	23·2	6th	55·8	77·8	79·2	81·5	83·8	9·7	74·1	4th & 24th	87·8	15·1	27th	72·7
July .	65·9	67·6	67·3		72·9	14·0	58·9	14th	78·6	21·6	5th & 7th	57·0	77·4	79·6	80·5	83·3	9·0	74·3	12th	87·3	15·9	4th	71·4
August .	65·2	67·7	67·3		72·3	14·3	58·0	30th & 31st	77·6	24·4	28th	53·2	76·9	78·4	80·5	82·7	9·4	73·3	20th	86·5	15·4	4th; 8th & 12th.	71·1
September .	63·8	68·2	66·2	Not recorded.	71·8	16·0	55·8	2nd	77·9	25·5	8th	52·4	78·5	81·2	82·9	85·5	11·5	74·0	26th & 27th.	89·3	17·9	11th	71·4
October .	61·8	65·4	64·3		68·5	13·5	55·0	2nd	71·4	19·9	28th	51·5	80·2	83·2	85·4	88·0	13·1	74·9	18th	90·3	28·7	7th	71·6
November .	60·5	64·5	63·3		67·9	14·8	53·1	22nd & 23rd.	71·0	32·0	19th	39·0	79·4	82·7	85·1	87·3	13·6	73·7	25th	90·1	25·2	19th	64·9
December .	57·2	62·9	62·1		66·5	18·7	47·8	8th	71·9	33·9	20th	38·0	78·4	82·3	86·1	88·3	17·7	70·6	8th	91·3	30·2	13th	61·1
Year .	62·4	67·0	66·4		71·1	17·3	53·8	...	81·2	43·2	...	38·0	79·3	82·4	84·7	87·2	13·3	73·9	...	94·1	33·0	...	61·1

113. CALICUT (*corrected*).

Month.	Mean.	10 hours.	16 hours.	22 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January .	73·1	75·5	82·4	83·2	19·1	64·1	29th		91·3	33·2	19th		58·1	76·2	79·6	84·8	74·0	86·9	19·5	67·4	28th	93·2	30·1	25th	63·1
February .	?	79·6	88·4	89·8	?	Imperfect.	27th & 28th.		92·7	?	?		?	79·0	82·5	90·4	76·2	91·9	24·2	67·7	18th	97·8	35·6	8th	62·2
March .	?	82·8	93·3	96·4	?	Not recorded.	30th		100·4	?	?		?	83·7	86·5	96·0	80·7	97·7	25·0	72·7	31st	104·5	37·4	22nd	67·1
April .	?	87·4	92·7	97·4	?	Do.	13th		102·2	?	?		?	88·6	90·2	98·8		101·5	23·1	78·4	29th	107·4	35·6	14th	71·8
May .	?	86·0	88·1	94·4	?	Do.	6th		98·9	?	?		?	87·6	89·8	97·2		99·8	21·8	78·0	4th	107·4	36·3	28th	71·1
June .	?	81·9	82·7	88·3	?	Do.	5th		92·0	?	?		?	86·9	89·2	95·6		99·4	21·3	78·1	21st	101·7	29·6	20th	72·1
July .	?	81·5	82·8	86·1	?	Do.	27th		91·9	?	?		?	87·6	89·3	96·1		99·4	20·3	79·1	23rd	102·3	37·4	31st	74·9
August .	?	81·3	83·9	88·9	?	Do.	25th		93·5	?	?		?	86·9	89·1	95·8		99·1	21·2	77·9	13th	102·1	28·3	5th	73·8
September .	?	82·8	85·9	90·9	?	Do.	22nd		95·5	?	?		?	85·7	88·4	94·5	Not recorded.	98·6	21·7	76·9	9th	101·9	28·4	27th	73·5
October .	?	81·7	85·1	89·0	?	Do.	11th		93·3	?	?		?	81·8	84·7	88·1		91·9	16·5	75·4	4th	100·0	29·1	16th	70·9
November .	?	79·8	82·6	86·4	?	Do.	7th		90·7	?	?		?	78·3	81·7	83·6		87·1	14·2	72·9	6th & 8th	91·8	24·7	19th	67·1
December .	?	76·5	82·1	84·0	?	Imperfect.	8th & 13th		88·1	?	?		?	74·2	77·5	80·1		83·3	15·0	68·3	29th	86·3	25·8	12th	60·5
Year .	?	81·4	85·8	89·6	?	?	...		102·2	?	?		?	83·0	85·7	91·8	?	94·7	20·3	74·4	...	107·4	46·9	...	60·5

114. COIMBATORE (*corrected*).

115. TRICHINOPOLY (*corrected*).

116. NEGAPATAM (*corrected*).

Month.	Mean.	10 hours.	16 hours.	22 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January .	76·2	78·6	79·9	76·7	81·5	11·4	70·1	28th	88·0	22·2	20th & 25th	65·8
February .	78·3	82·3	82·8	77·8	84·8	13·8	71·0	18th	89·6	23·1	9th & 10th	66·5
March .	81·6	85·6	85·4	80·4	89·4	14·7	74·7	24th	97·3	29·2	7th	68·1
April .	85·9	89·2	89·2		92·6	13·2	79·4	30th	99·5	25·3	3rd	74·2
May .	84·9	87·4	88·9		91·3	12·8	78·5	21st	98·5	25·6	12th	72·9
June .	86·2	89·5	90·5		95·6	16·9	78·7	24th	101·6	28·7	18th	72·9
July .	85·6	88·1	91·1	Not recorded.	95·7	18·0	77·7	25th, & 27th.	98·1	24·8	8th	73·3
August .	84·8	86·9	89·6		93·7	15·7	78·0	10th	98·7	22·6	20th	76·1
September .	84·3	86·9	89·0		93·5	16·5	77·0	13th	97·5	25·4	5th	72·1
October .	81·8	83·6	85·0		88·0	11·3	76·7	1st	94·8	22·1	29th	72·7
November .	79·3	81·2	81·7		84·2	9·2	75·0	2nd	88·6	18·5	19th	70·1
December .	75·9	77·8	78·9		80·7	9·6	71·1	17th	84·5	19·6	31st	64·9
Year . .	82·1	84·8	86·1	?	89·3	13·6	75·7	...	101·6	36·7	...	64·9

117. MADURA (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January .	76·7	80·8	83·5	87·1	18·6	68·5	27th	90·2	26·0	20th	64·2
February .	79·0	82·5	89·0	91·9	24·0	67·9	19th	96·1	31·0	7th to 9th.	65·1
March .	83·4	87·6	94·2	97·4	24·7	72·7	31st	103·2	25·3	5th	67·9
April .	87·9	91·8	97·5	100·8	22·4	78·4	28th	106·6	33·6	2nd	73·0
May .	85·1	90·1	93·7	98·6	21·4	77·2	4th	106·4	35·8	10th	70·6
June .	85·7	91·2	93·4	98·5	20·6	77·9	2nd	103·9	34·4	18th	69·5
July .	85·7	91·1	93·1	99·0	21·2	77·8	23rd	103·1	28·2	27th	74·9
August .	85·4	89·6	93·2	98·1	21·0	77·1	10th	103·2	31·9	26th	71·3
September .	83·5	88·8	90·3	96·9	20·8	76·1	20th	100·2	27·3	12th & 13th.	72·9
October .	82·1	85·1	88·6	92·5	17·6	74·9	6th	99·9	28·7	28th	71·2
November .	80·2	82·9	82·9	87·5	14·7	72·8	2nd	92·9	26·9	19th	66·0
December .	78·6	79·1	80·5	83·8	14·3	69·5	24th	87·6	25·4	13th	62·2
Year . .	82·7	85·9	88·3	92·3	19·0	73·3	...	106·6	44·4	...	62·2

118. COCHIN (*corrected*).

Month.	Mean.	10 hours.	16 hours.	22 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January .	79·1	83·1	85·5	77·2	88·1	16·7	71·4	10th	90·9	23·5	21st	67·4
February .	80·0	83·7	85·8	78·5	88·4	15·9	72·5	1st & 26th	90·1	22·3	2nd & 3rd	67·8
March .	83·1	85·8	87·8	82·0	90·5	13·4	77·1	22nd	93·2	19·1	3rd	74·1
April .	83·4	86·5	88·1		91·2	12·5	78·7	21st	95·3	22·7	14th	72·6
May .	80·8	83·9	84·6		87·6	10·6	77·0	6th	91·3	19·5	12th	71·8
June .	77·6	80·3	81·1		84·0	10·0	74·0	14th	87·3	17·8	29th	69·5
July .	77·8	80·9	81·2		84·0	9·6	74·4	13th, 16th & 17th.	86·4	14·7	30th	71·7
August .	77·1	81·1	80·2	Not recorded.	84·2	10·2	74·0	24th	86·2	17·3	12th	68·9
September .	78·6	81·4	82·4		84·9	10·2	74·7	28th	87·2	16·5	13th	70·7
October .	79·5	83·2	84·1		87·3	12·4	74·9	16th, 20th & 24th.	88·7	15·9	7th	72·8
November .	79·3	83·4	83·9		86·9	12·3	74·6	12th	89·1	19·3	19th	69·8
December .	78·6	83·1	84·5		87·8	15·2	72·6	1st	92·2	25·3	13th	66·9
Year . .	79·6	83·0	84·1	?	87·1	12·4	74·7	...	95·3	28·4	...	66·9

119. COLOMBO (*corrected*).

Month.	Mean.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January .	79·2	87·9	17·9	70·0	8th	90·5	24·4	19th	66·1
February .	80·2	88·7	17·2	71·5	1st	93·4	27·4	8th	66·0
March .	82·2	89·5	14·9	74·6	23rd	92·2	20·2	3rd	72·0
April .	82·2	89·5	12·7	75·8	1st	91·6	19·6	23rd	72·0
May .	80·4	87·1	9·5	77·6	...	90·4	16·4	11th	74·0
June .	80·4	85·1	8·3	76·8	...	86·7	13·2	7th	73·5
July .	81·4	85·9	8·2	77·7	17th	87·4	11·8	25th	75·6
August .	80·6	85·9	9·5	76·4	25th	87·7	13·9	3rd	73·8
September .	80·8	86·0	9·6	76·4	15th	87·2	13·4	21st	73·8
October .	80·4	86·4	11·8	74·6	10th	88·7	16·7	20th	72·0
November .	80·2	86·8	13·0	73·8	...	88·7	16·9	...	71·8
December .	78·8	85·4	12·8	72·6	18th	91·0	21·2	31st	69·8
Year . .	80·7	86·9	12·1	74·8	...	93·4	27·4	...	66·0

120. JAFFNA (*corrected*).

Month.	Mean.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January . .	77·3	82·1	11·1	71·0	22nd	85·0	18·3	...	66·7
February . .	79·2	85·0	14·9	70·1	26th	88·0	22·8	10th	65·2
March . .	83·1	88·1	13·6	74·5	28th	92·0	26·4	6th	65·6
April . . .	85·2	88·7	8·2	80·5	20th	93·0	18·0	14th	75·0
May . .	83·8	89·9	6·9	80·0	7th	91·3	20·3	18th	71·0
June . . .	82·6	84·9	5·1	79·8	...	86·3	11·6	3rd	74·7
July . . .	81·9	84·7	5·6	79·1	27th	91·4	13·0	25th	78·4
August . .	81·5	83·9	5·4	78·5	8th	85·7	8·7	...	77·0
September . .	81·6	84·2	5·8	78·4	21st	87·0	10·0	...	77·0
October . .	80·6	84·8	8·4	76·4	10th	88·5	14·5	26th	74·0
November . .	78·7	?	?	74·5	...	?	...	18th	68·4
December . .	76·0	79·5	7·4	72·1	18th	83·0	17·6	31st	65·4
Year . . .	81·0	?	?	76.2	...	93·0	27·8	...	65·2

121. TRINCOMALEE (*corrected*).

Mean.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
77·7	86·0	11·9	74·1	30th	90·4	19·6	...	70·8
79·7	89·3	15·1	74·2	18th	92·7	23·0	10th	69·7
82·2	93·4	17·8	75·6	30th	97·7	26·8	4th	70·9
83·9	96·7	19·3	77·4	...	102·1	28·5	23rd	73·6
83·2	95·0	18·2	76·8	3rd	101·7	27·8	9th	73·9
84·2	94·5	16·5	78·0	24th	99·0	25·0	10th	74·0
84·6	97·9	20·6	77·3	22nd	100·7	25·7	31st	75·0
83·9	97·6	21·1	76·5	26th	101·6	28·4	14th	73·2
83·4	96·5	20·5	76·0	6th	99·1	26·1	7th	73·0
82·2	93·2	17·4	75·8	7th	101·3	28·5	23rd	72·8
78·5	88·2	13·8	74·4	31st	95·0	23·1	20th	71·9
77·2	84·0	9·5	74·5	3rd	89·3	20·0	14th	69·3
81·7	92·7	16·8	75·9	...	102·1	32·8	...	69·3

122. BATTICALOA (*corrected*).

Month.	Mean.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January . .	76·4	83·9	12·9	71·0	28th	88·0	22·0	19th	66·0
February . .	77·3	86·2	14·9	71·3	6th	88·0	21·4	11th	66·0
March . .	80·1	87·9	14·0	73·9	24th	93·0	24·8	4th	68·2
April . . .	82·9	91·5	15·0	76·5	22nd	95·0	21·2	14th	73·8
May . . .	82·6	92·2	16·3	75·9	...	96·0	22·8	11th	73·2
June . . .	83·8	94·6	17·9	76·7	...	98·0	23·4	19th	74·6
July . . .	82·8	93·4	18·0	75·4	...	98·0	23·8	...	74·2
August . .	82·3	92·4	16·9	75·5	6th	96·0	22·8	7th	73·2
September . .	82·5	93·0	17·5	75·5	16th	98·6	25·4	12th	73·2
October . .	80·3	88·6	13·5	75·1	1st	94·0	20·8	30th	73·2
November . .	78·4	86·5	12·8	73·7	2nd	89·4	19·2	...	70·2
December . .	75·9	82·7	10·2	72·5	...	86·0	16·8	31st	69·2
Year . . .	80·4	89·4	15·0	74·4	...	98·6	32·6	...	66·0

123. HAMBANTOTA (*corrected*).

Mean.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
78·3	85·6	14·5	71·1	...	87·1	20·0	30th	67·1
79·1	87·3	16·9	70·4	23rd	90·1	24·0	...	66·1
81·4	88·3	14·3	74·0	...	90·1	23·0	5th	67·1
82·4	89·2	13·3	75·9	...	91·1	18·0	1st	73·1
81·3	87·1	11·1	76·0	...	90·1	19·0	6th	71·1
79·6	85·6	10·8	74·8	...	89·1	17·0	27th	72·1
80·2	87·2	12·2	75·0	...	93·1	19·0	...	74·1
80·4	86·3	11·2	75·1	8th	91·1	18·5	24th	72·6
80·7	87·3	13·3	74·0	1st	91·1	22·0	8th	69·1
80·1	86·6	12·2	74·4	31st	89·1	16·0	...	73·1
79·4	85·9	11·8	74·1	2nd	89·1	18·0	...	71·1
78·5	84·4	11·0	73·4	19th	86·6	16·5	31st	70·1
80·1	86·7	12·7	74·0	...	93·1	27·0	...	66·1

124. GALLE (*corrected*).

Month.	Mean.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	78·3	82·5	8·5	74·0	5th	85·3	14·2	29th	71·1
February	79·2	84·3	9·8	74·5	15th	87·0	16·1	7th	70·9
March	81·5	86·3	9·4	76·9	26th	89·3	15·0	6th	74·3
April	82·1	85·7	6·5	79·2	4th	88·0	12·0	14th	76·0
May	81·2	84·4	5·5	78·9	4th	88·2	13·2	11th	75·0
June	80·2	82·7	4·3	78·4	18th	84·2	8·9	27th	75·3
July	80·6	83·3	4·6	78·7	26th	84·7	7·7	25th	77·0
August	79·8	82·4	4·8	77·6	20th	85·6	10·2	4th	75·4
September	80·2	83·1	5·6	77·5	7th	85·1	9·5	...	75·6
October	79·6	83·2	6·7	76·5	15th	86·0	11·3	23rd	74·7
November	79·8	83·5	7·1	76·4	27th	85·6	11·5	22nd	74·1
December	78·5	82·5	7·4	75·1	18th	85·4	14·3	12th	71·1
Year	80·1	83·7	6·7	77·0	...	89·3	18·4	...	70·9

125. KANDY (*corrected*).

Month.	Mean.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	73·4	86·3	23·2	63·1	30th	92·5	34·3	20th	58·2
February	75·6	89·1	24·8	64·3	...	93·4	37·4	...	56·0
March	78·3	92·6	25·5	67·1	23rd	96·0	40·0	4th	56·0
April	78·7	91·2	22·0	69·2	3rd	94·4	28·9	15th	65·5
May	77·7	89·1	19·7	69·4	...	94·2	29·0	...	65·2
June	75·1	85·0	14·4	70·6	29th	92·0	24·8	10th	67·2
July	76·6	85·4	15·2	70·2	...	88·5	20·5	...	68·0
August	75·3	84·8	15·9	68·9	13th	89·4	27·2	24th	61·2
September	75·4	85·3	17·6	67·7	10th	89·5	26·1	10th	63·4
October	75·8	86·6	19·4	67·2	15th	89·0	29·6	5th	59·4
November	75·1	85·4	17·5	67·9	27th	88·2	28·2	21st	60·0
December	72·4	83·4	16·8	66·6	2nd	87·2	25·7	16th	61·5
Year	75·8	87·0	19·3	67·7	...	96·0	40·0	...	56·0

126. NEWERA ELIYA (*corrected*).

Month.	Mean.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	55·1	68·1	24·7	43·4	28th	72·0	34·2	10th	37·8
February	57·7	72·2	28·1	44·1	27th	76·4	40·0	11th	36·4
March	58·6	72·0	25·3	46·7	4th	76·7	37·0	18th	39·7
April	60·1	72·1	22·1	50·0	29th	75·2	31·2	1st	44·0
May	58·9	69·3	17·5	51·8	3rd	76·3	29·3	21st	47·0
June	55·7	63·1	9·8	53·3	1st	68·0	16·5	17th	51·5
July	56·9	65·7	13·2	52·5	22nd	73·0	27·0	3rd	46·0
August	57·9	68·9	16·8	52·1	23rd	75·8	28·4	25th	47·4
September	58·0	69·4	17·9	51·5	...	76·0	30·0	8th	46·0
October	58·1	70·9	20·7	50·2	8th	75·8	30·8	13th	45·0
November	57·7	69·7	18·9	50·8	...	74·0	30·0	21st	44·0
December	55·9	66·7	16·4	50·3	...	72·0	28·0	12th	44·0
Year	57·6	69·0	19·3	49·7	...	76·7	40·3	...	36·4

127. BHAMO (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	Highest Maximum. °	Absolute range.	Lowest Minimum. Day.	Lowest Minimum. °
January	?	64·3	72·9	75·0	?	Shade minimum unrecorded.	7th & 24th.	79·0	?	?	?
February	?	67·3	76·5	78·9	?		29th	89·1	?	?	?
March	73·1	74·8	84·2	86·8	24·9	61·9*	27th	93·1	38·5	7th	54·6
April	77·4	80·0	87·5	92·7	25·5	67·2	15th	100·1	37·7	11th	62·4
May	81·1	84·8	90·3	95·3	23·4	71·9	3rd, 7th & 8th.	102·1	34·8	10th	67·3
June	79·6	82·4	84·0	88·8	13·6	75·2	10th	93·7	21·5	6th	72·2
July	80·0	82·0	84·3	87·9	12·2	75·7	12th	93·7	19·6	30th	74·1
August	79·8	80·2	83·9	87·2	11·6	75·6	3rd	93·5	22·1	22nd	71·4
September	79·6	82·3	85·1	90·5	16·4	74·1	5th	97·9	27·2	27th	70·7
October	77·1	81·3	85·3	88·4	19·6	68·8	1st & 4th	92·9	31·5	28th	61·4
November	69·6	71·9	79·7	82·1	22·7	59·4	1st	87·0	35·8	21st	51·2
December	62·4	65·6	75·2	77·4	27·9	49·5	1st	81·8	38·7	23rd	43·1
Year	?	76·4	82·4	85·9	?	?	...	102·1	?	...	?

* Mean of 25 days.

128. KENDAT (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	62·9	64·4	74·1	77·0	25·3	51·7	10th & 24th	80·8	35·9	30th	44·9
February	65·7	65·5	80·2	82·6‡	31·4	51·2	28th & 29th	91·8	47·9	9th	43·9
March	75·2	77·3	89·0	91·6	30·3	61·3	25th to 27th	99·8	48·0	1st	51·8
April	78·9	81·8	90·8	94·3	27·3	67·0	8th & 16th	102·8	40·1	7th	62·7
May	83·7	88·7	94·1†	98·3	25·1	73·2	3rd	104·7	35·1	1st, 2nd, 4th, 5th, 8th & 9th.	69·6
June	81·7	84·3	86·8	91·8	15·3	76·5	4th	99·8	25·8	1st & 6th	74·0
July	80·9	83·4	85·1	88·3	11·6	76·7	16th	92·8	19·8	30th	73·0
August	80·3	82·8	84·2	86·7	10·4	76·3	26th	101·8	27·8	18th to 20th & 22nd to 24th.	74·0
September	79·4	81·6	83·7	86·9	11·8	75·1	3rd & 5th	91·8	17·8	7th, 15th, 17th & 30th.	74·0
October	77·8	79·0	84·5	85·6	14·6	71·0	1st	89·8	20·8	19th to 21st, 25th, 26th & 29th to 31st.	69·0
November	71·1	73·2	78·6	79·7	16·1	63·6	1st	87·8	29·8	19th & 20th	58·0
December	64·1	64·5	74·2	75·0	21·0	54·0	1st to 5th, 8th to 10th, 16th & 17th.	76·8	26·8	28th	50·0
Year	75·1	77·2	83·8	86·5	20·0	66·5	...	104·7	60·8	...	43·9

* Mean of 25 days. † Mean of 30 days. ‡ Mean of 26 days.

129. MANDALAY (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	70·4	72·1	82·2	84·6	26·0	58·6	24th	88·5	36·0	13th	52·5
February	74·5	77·7	87·5	90·0	28·5	61·5	29th	98·1	43·4	1st	54·7
March	83·0	86·0	96·4	98·6	29·1	69·5	28th	105·6	44·7	1st	60·9
April	89·9	93·5‡	102·4*	105·3*	28·0	77·3‡	14th	108·6	40·4	18th	68·2
May	87·9	90·5*	96·4*	101·3‡	21·9	79·4*	7th	110·4	36·2	24th	74·2
June	84·8	86·5	91·0	94·1	15·5	78·6	1st	99·4	25·2	8th	73·9
July	83·8	86·7	88·9	93·0	14·3	78·7	11th	98·5	23·0	14th & 29th.	75·5
August	82·2	83·8	87·7	90·8	14·2	76·6	8th	96·0	22·9	27th	73·1
September	82·1	84·3	87·3	90·7§	13·8	76·9	13th	96·0	22·5	11th	73·5
October	?	?	?	?	?	?	...	?	?	...	?
November	Not received.										
December											
Year											

* Mean of 25 days. † Mean of 30 days. ‡ Mean of 26 days. § Mean of 29 days.

130. AKYAB (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	70·4	71·5	77·8	81·4	20·1	61·3	10th	86·2	30·3	31st	55·9
February	73·5	74·4	80·8	83·7	20·2	63·5	29th	92·2	36·3	2nd	55·9
March	80·1	82·0	85·3	88·5	17·6	70·9	20th	93·7	31·1	4th	62·6
April	84·9	87·1	88·1	91·5	13·9	77·6	22nd	94·1	25·8	29th	68·3
May	84·9	86·1	87·5	90·0	10·5	79·5	1st	92·8	17·2	30th	75·6
June	82·0	82·0	82·7	85·6	6·2	79·4	2nd	91·4	18·5	12th	72·9
July	80·7	81·0	80·9	83·9	5·3	78·6	18th	88·2	12·7	8th	75·5
August	80·3	80·3	80·8	83·0	4·5	78·5	6th & 7th	87·2	11·1	18th	76·1
September	82·9	83·7	84·0	87·3	7·5	79·8	13th	91·2	13·9	23rd	77·3
October	82·3	83·7	85·3	88·3	10·9	77·4	1st	91·4	19·8	20th & 22nd.	71·6
November	79·7	81·5	83·7	87·1	14·0	73·1	1st	90·2	23·2	21st	67·0
December	73·1	74·1	78·9	82·7	17·5	65·2	2nd	87·5	27·4	26th	60·1
Year	79·6	80·6	83·0	86·1	12·4	73·7	...	94·1	38·2	...	55·9

131. THAYETMYO (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	70·6	75·8	86·0	87·9	32·8	55·1	24th	93·7	44·9	12th & 15th	48·8
February	75·3	80·7	91·5	93·6*	34·5	59·1	27th	101·5	50·5	2nd	51·0
March	82·0	87·6	97·4	100·0	33·5	66·5	29th & 31st	104·5	48·9	6th	55·6
April	90·3	93·3	102·4	Untrust. worthy.	?	78·2†	?	?	?	28th	65·7
May	85·2	92·2	95·7	102·3*	27·6	74·7‡	5th	107·7	42·8	14th	64·9
June	81·6	84·2	86·4	91·9	15·1	76·8	1st	102·9	30·1	13th	72·8
July	80·2	83·2	84·5	87·2	11·4	75·8	16th	90·8	16·9	9th	73·9
August	79·5	83·4	83·1	88·1	12·2	75·9	3rd	93·9	20·0	16th, 17th, 21st & 22nd.	73·9
September	81·5	85·0	87·1	90·3	14·4	75·9	30th	93·8	19·9	4th & 10th	73·9
October	80·2	84·9	87·8	90·9	18·3	72·6	17th, 20th, 30th & 31st.	93·5	30·6	28th	62·9
November	77·1	83·0	86·4	89·7	21·9	67·8	1st	94·2	32·9	28th	61·3
December	71·1	76·8	84·2	85·4	27·4	58·0	1st	91·0	52·2	27th	48·8
Year	79·6	84·2	89·4	?	?	69·7	...	?	?	...	...

* Mean of 28 days. † ,, ,, 29 ,, ‡ Mean of 30 days.

TABLE V.—MEAN AND EXTREME AIR-TEMPERATURES IN THE SHADE IN 1888.

132. TÒUNGOO (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	72·0	74·3	83·6	85·6	25·3	60·3	27th	88·7	37·6	15th	51·1
February	77·3	80·2	89·6	91·1	26·2	64·9	24th & 28th.	95·7	36·6	13th	59·1
March	83·9	86·5	96·6	98·3	27·2	71·1	29th	102·3	38·6	6th	63·7
April	88·6	91·7	99·8	102·4	25·1	77·3	19th	105·2	31·8	29th	73·4
May	85·9	89·9	93·8	98·0	20·0	78·0	4th	104·7	30·5	19th	74·2
June	78·8	82·2*	81·9	87·3	11·7	75·6	2nd	94·7	23·0	13th	71·7
July	77·7	81·4	80·4	85·7	10·8	74·9	26th	89·7	17·5	10th	72·2
August	77·6	80·3	80·6	84·9†	10·3	74·6	5th	89·7	17·5	26th	72·2
September	80·8	84·0	85·6	90·0	14·1	75·9	12th	94·0	20·8	4th	73·2
October	79·9	83·5	85·8	89·9	16·0	73·9	5th	94·7	29·5	28th	65·2
November	77·7	80·1	84·7	87·3	16·6	70·7	1st	91·8	24·6	26th & 28th	67·2
December	71·2	73·3	80·6	83·3	21·6	61·7	2nd	88·7	36·5	25th	52·2
Year	79·3	82·3	86·9	90·3	18·7	71·6	...	105·2	54·1	...	51·1

* Mean of 29 days.

133. BASSEIN (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Maximum. Day.	°
January	73·8	78·3	83·8	86·4	22·6	63·8	24th	88·7	28·8	19th	59·9
February	75·8	80·8	86·3	89·9	24·7	65·2	28th	94·4	36·4	1st	58·0
March	80·5	86·0	89·8	94·8	23·6	71·2	31st	102·5	36·5	4th	66·0
April	84·1	89·4	92·2	96·5	20·6	75·9	26th	100·6	29·6	5th	71·0
May	81·7	87·4	85·9	92·3	14·9	77·4†	4th	99·5	25·7	13th	73·8
June	78·0	82·4	80·4	85·7	10·1	75·6	5th	90·7	18·2	15th	72·5
July	78·3	80·4	81·1	84·5	9·0	75·5	30th & 31st	90·0	16·2	6th, 9th & 20th.	73·8
August	78·4	80·7	81·2	84·5	8·9	75·6	1st	89·7	16·6	30th	73·1
September	79·1	82·3	82·2	86·3	10·3	76·0	10th & 11th	90·7	16·1	15th	74·6
October	79·2	83·5	83·4	87·1	12·1	75·0	19th	91·2	21·7	28th	69·5
November	78·3	82·2	83·8	86·8	14·1	72·7	1st	90·4	22·4	27th	68·0
December	74·0	79·1	82·4	85·0	19·4	65·6	16th to 18th	88·7	31·5	23rd	57·2
Year	78·4	82·7	84·4	88·3	15·9	72·5	...	102·5	45·3	...	57·2

† Mean of 30 days.

134. DIAMOND ISLAND (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	75·7	79·4	80·6	84·0	13·3	70·7	10th	87·4	19·3	14th	68·1
February	74·9	79·2	79·5	82·4	12·2	70·2	26th	84·4	17·1	13th	67·3
March	77·7	82·2	82·4	85·1	12·1	73·0	25th & 31st	87·4	17·3	3rd	70·1
April	81·7	85·9	86·2*	89·1*	12·0	77·1	26th	91·3	16·4	5th	74·9
May	81·3	87·1	85·2	89·9	12·5	77·4	3rd, 4th & 7th.	92·3	20·3	10th & 14th.	72·0
June	78·3	82·1	82·4	85·0	10·8	74·2	7th	88·3	19·2	15th	69·1
July	77·6	81·8	81·5	84·0	10·3	73·7	30th	87·2	16·7	13th	70·5
August	77·3	80·9	81·0	83·4	9·9	73·5	14th, 26th & 27th.	86·4	16·3	18th	70·1
September	77·8	82·3	81·6	85·0	11·0	74·0	12th	87·4	19·4	13th	68·0
October	79·3	83·7	83·6	86·1	11·2	74·9	16th	90·3	17·8	4th	72·5
November	79·0	82·9	83·6	86·2	11·8	74·4	4th	89·5	18·8	16th	70·7
December	76·5	80·3	81·9	85·0	14·0	71·0	3rd	88·3	21·6	28th	66·7
Year	78·1	82·3	82·4	85·4	11·8	73·7	...	92·3	25·6	...	66·7

* Mean of 29 days.

135. RANGOON (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	75·4	79·4	86·2	89·4	24·9	64·5	23rd & 26th	91·5	34·0	15th	57·5
February	77·3	78·9	88·3	92·2	26·0	66·2	28th	98·3	37·5	3rd	60·8
March	82·2	84·4	92·9	98·0	26·6	71·4	29th	103·0	36·2	2nd	66·8
April	85·7	88·7	94·8	100·9	24·4	76·5	19th	105·1	32·2	7th	72·9
May	82·0	87·2	86·3	94·0	16·3	77·7	8th	100·3	25·8	21st	74·5
June	78·0	81·6	79·9	86·1	10·0	76·1	16th	89·5	15·8	1st & 30th	73·7
July	77·2	80·1	78·9	83·6	8·2	75·4	22nd	89·3	16·4	20th	72·9
August	77·3	79·5	78·9	83·2	7·6	75·6	1st	90·1	16·6	17th & 25th	73·5
September	79·7	81·5	82·8	86·0	9·5	76·5	9th	91·8	17·9	13th	73·9
October	79·7	83·1	83·9	87·0	11·5	75·5	19th	91·1	20·9	28th	70·2
November	76·7	79·4	85·1	87·5	19·3	68·2	18th	92·0	30·7	23rd	61·3
December	76·7	79·2	85·2	89·7	16·5	73·2	...	105·1	47·6	...	57·5

136. MOULMEIN (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	75·3	78·0	86·5	88·3	24·3	64·0	27th	90·9	32·3	14th	58·6
February	76·7	80·8	86·7	90·3	23·7	66·6	14th to 16th	92·9	31·0	6th	61·9
March	81·7	86·2	91·1	94·9	22·7	72·2	20th	99·3	32·6	13th	66·7
April	83·9	88·9	91·3	95·2	18·7	76·5	18th	100·9	29·4	28th & 30th	71·5
May	81·0	83·5	86·4	88·9	13·3	75·6	1st	95·8	23·0	10th	72·8
June	77·8	79·9	80·7	83·1	8·3	74·8	13th	87·5	15·8	29th	71·7
July	76·3	78·3	79·0	81·1	7·5	73·6	22nd	86·4	15·0	6th	71·4
August	76·0	77·6	78·5	80·8	7·4	73·4	4th	85·3	15·2	25th	70·1
September	79·1	82·3	83·3	86·5	11·7	74·8	11th	90·9	19·0	23rd	71·9
October	79·2	84·3	84·6	87·5	13·7	73·8	31st	91·7	24·2	28th	67·5
November	?	Imperfect.	86·6*	89·5†	?	Imperfect.	12th	92·9	22·9	...	?
December	77·6	79·9‡	86·4§	87·9§	19·2	68·7§	17th	93·3	33·8	22nd	59·5
Year	?	?	85·1	87·8	?	?	...	100·9	42·3	...	58·6

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	73·3	79·6	83·3	85·8	22·5	63·3	27th	89·3	33·9	6th	55·4
February	75·9	81·4	85·2	88·3	21·7	66·6	25th	93·0	30·6	24th	62·4
March	79·0	84·3	87·2	90·9	20·2	70·7	6th	95·0	26·0	18th & 24th	69·0
April	81·1	86·5	89·5	92·7	20·1	72·6	20th	97·6	28·2	4th	69·4
May	78·3	82·4	84·3	89·3	17·1	72·2	2nd & 5th	94·3	23·8	9th	70·5
June	75·2	78·4	79·4	83·5	12·6	70·9	3rd & 9th	87·2	19·8	15th	67·4
July	75·0	78·7	79·6	83·6	13·3	70·3	2nd	89·1	22·7	12th	66·4
August	75·0	79·0	79·4	83·6	13·1	70·5	28th	88·2	21·2	18th	67·0
September	75·6	80·6	80·1	84·6	14·1	70·5	20th	89·1	20·7	29th	68·4
October	77·0	82·1	83·2	87·6	17·8	69·8	25th & 31st	90·6	26·1	27th	64·5
November	77·2	84·1	84·8	88·9	19·3	69·6	29th	92·1	24·7	26th	67·4
December	75·6	82·9	84·8	88·4	22·1	66·3	16th	92·6	35·2	28th	57·4
Year	76·5	81·7	83·5	87·3	17·8	69·4	...	97·6	42·2	...	55·4

* Mean of 29 days.
† " " 26 "
‡ Mean of 23 days.
§ " " 30 "

137. MERGUI (*corrected*).

138. COCOS ISLAND (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	77·1	81·0	80·9	Untrustworthy.	?	73·3	...	?	?	14th	69·8
February	77·2	81·6*	81·5†		?	72·8*	...	?	?	18th & 27th	71·1
March	79·4	83·8	84·6		?	74·2	...	?	?	4th	72·1
April											
May											
June											
July											
August											
September											
October											
November											
December											
Year	?	?	?	?		?	...	?	?	...	

Not received.

* Mean of 28 days.
† " " 27 "

139. PORT BLAIR (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum. Day.	°	Absolute range.	Lowest Minimum. Day.	°
January	78·6	81·4	84·7	86·6	14·2	72·4	31st	88·5	20·7	15th	67·8
February	79·1	82·6	86·8	88·3	16·9	71·4	29th	91·0	21·5	15th	69·5
March	82·0	84·7	88·4	91·2	15·6	75·6	14th, 20th, 22nd & 23rd.	92·9	21·0	1st	74·9
April	84·8	89·1	90·5	93·6	14·6	79·0	20th & 22nd	95·6	18·7	1st, & 4th to 6th.	76·9
May	81·8	84·8	85·2	88·7	10·4	78·3	3rd	94·1	21·2	29th	72·9
June	78·7	82·1	81·3	84·0	8·0	76·0	10th	87·0	19·1	5th	73·9
July	80·5	83·9	83·6	86·1	8·7	77·4	28th, 30th & 31st.	87·8	14·9	20th & 21st	72·9
August	80·1	83·0	83·0	86·1	9·0	77·1	12th	88·5	14·1	29th	74·4
September	79·0	82·1	82·2	85·4	9·6	75·8	10th	91·5	18·1	29th	73·4
October	81·2	84·8	85·2	88·7	11·5	77·2	11th	92·1	18·7	1st	73·4
November	81·1	84·2	84·5	88·0	10·4	77·6	25th	90·8	15·9	25th	74·9
December	80·6	83·9	84·0	87·0	9·8	77·2	14th	90·0	19·9	30th	70·1
Year	80·6	83·9	85·0	87·8	11·6	76·3	...	95·6	27·8	...	67·8

TABLE V.—MEAN AND EXTREME AIR-TEMPERATURES IN THE SHADE IN 1888.

140. NANCOWRY (*corrected*).

Month.	Mean.	10 hours.	16 hours.	Mean of Maxima.	Mean daily range.	Mean of Minima.	Highest Maximum.		Absolute range.	Lowest Minimum.	
							Day.	°		Day.	°
January	79·1	83·3	82·6	86·6	11·1	75·5	1st	88·8	15·6	25th	73·2
February	80·0	84·5	84·1	88·2	12·3	75·9	20th	92·6	18·8	5th	73·8
March	81·7	87·0	86·2	90·0	12·9	77·1	30th	92·2	18·2	3rd	74·0
April	82·1	87·6	86·6	90·7	13·2	77·5	15th	93·3	18·3	1st	75·0
May	80·3	84·9	84·1	90·0	13·6	76·4	25th	96·7	22·9	20th	73·8
June	79·4	83·8	83·1	86·7	11·0	75·7	9th	88·8	15·8	3rd, 15th, 22nd & 28th.	73·0
July	81·4	86·3	85·5	89·0	11·7	77·3	4th	91·0	17·6	31st	73·4
August	80·0	85·2	84·1	80·0	12·1	75·9	24th	93·6	21·2	31st	72·4
September	78·4	83·6	82·1	85·5	10·9	74·6	6th	89·0	17·6	3rd & 15th	72·0
October	78·8	83·4	82·9	86·2	11·6	74·6	21st	91·4	20·4	2nd	71·0
November	78·3	82·6	82·6	85·1	11·1	74·0	20th	89·6	17·6	3rd	72·0
December							Imperfect.				
Year	?	?	?	?	?	?	.....	96·7	?	.....	?

TABLE VI.—SEA-LEVEL EQUIVALENTS OF MONTHLY MEAN AIR-TEMPERATURES IN 1888. (114 STATIONS).

Stations.	January.	February	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Aden	74·9	76·2	77·5	83·4	85·6	87·5	86·9	87·0	86·2	81·1	78·8	76·2	81·8
Bushire	57·2	59·9	67·0	73·2	80·8	86·3	89·1	89·4	86·8	82·0	69·4	59·7	75·1
Aminidivi	79·4	81·1	82·9	84·4	84·4	80·8	81·4	81·7	82·6	81·6	81·3	81·2	81·9
Mooltan	52·9	56·1	75·0	83·3	92·1	95·9	95·1	92·8	?	79·4	67·7	59·4	?
Dera Ismail Khan	52·0	57·9	72·9	80·1	90·8	95·2	96·1	93·7	89·6	77·7	66·3	56·8	77·4
Peshawar	51·4	56·2	68·4	75·5	87·6	92·5	93·9	90·5	85·6	74·6	63·6	55·2	74·6
Rawalpindi	50·4	55·1	69·2	76·5	87·5	91·5	91·4	87·5	85·6	74·3	63·5	53·4	73·8
Sialkot	52·7	57·2	70·9	81·6	90·2	92·5	88·2	85·1	86·7	75·8	66·3	56·2	75·3
Lahore	53·4	58·5	74·8	84·4	92·0	94·5	94·5	89·1	86·6	77·2	66·7	57·4	77·2
Ludhiana	53·4	59·4	74·6	84·7	91·8	92·3	87·7	86·2	84·0	75·9	66·2	57·1	76·1
Delhi	57·6	63·0	78·0	88·2	92·4	94·4	88·1	85·7	84·0	79·4	72·5	61·1	78·7
Sirsa	54·2	60·4	76·9	86·1	93·5	94·9	91·3	89·3	87·9	78·8	67·9	58·6	78·3
Dehra	55·8	60·6	74·2	83·6	87·6	89·8	82·4	82·0	80·6	73·8	66·5	60·3	74·8
Roorkee	55·8	61·1	75·2	85·9	90·9	93·3	85·6	85·0	82·5	75·3	67·1	58·1	76·3
Meerut	55·5	62·6	76·6	86·4	90·8	93·2	86·4	85·1	82·4	75·8	67·0	58·6	76·2
Bareilly	57·2	63·5	76·5	86·9	90·3	93·1	84·2	83·8	81·8	76·5	67·8	58·6	76·7
Agra	59·4	66·5	81·9	92·3	97·1	97·4	87·3	85·5	85·2	81·6	73·2	63·4	80·9
Lucknow	59·3	66·2	79·0	88·9	93·0	95·0	84·3	83·5	83·0	78·9	70·0	60·7	78·5
Gorakhpur	58·0	65·4	78·1	86·5	89·7	91·6	83·9	84·2	83·3	80·3	69·7	62·0	77·7
Jhansi	62·4	68·8	83·6	94·2	99·3	96·8	84·4	81·6	83·8	82·9	74·8	66·2	81·6
Allahabad	58·2	66·6	80·3	90·0	94·7	95·6	83·9	82·7	82·6	79·0	69·5	59·8	78·6
Benares	59·1	66·7	79·7	89·0	92·9	94·0	83·5	82·7	82·9	78·8	70·1	60·6	78·3
Ghazipur	60·1	67·6	80·9	87·1	91·3	92·4	83·4	83·1	82·7	78·6	69·9	60·2	78·1
Sibsagar	60·0	63·8	70·8	74·0	78·5	83·6	84·2	84·5	83·1	78·0	68·7	61·8	74·3
Tezpur	59·2	62·5	70·2	73·4	76·1	79·2	81·4	80·9	80·6	76·3	70·5	62·9	72·8
Dhubri	62·9	67·1	75·2	78·4	78·6	80·0	81·3	81·4	81·4	78·8	70·9	64·4	75·0
Silchar	63·4	67·2	74·3	75·1	79·2	80·6	83·1	82·6	82·8	80·9	73·5	67·1	75·8
Purneah	60·1	65·8	78·2	83·2	83·0	84·7	83·1	83·3	83·5	79·7	69·5	61·2	76·3
Durbhunga	60·1	65·0	76·8	83·8	85·5	87·2	84·9	84·8	84·1	80·7	70·7	62·5	77·2
Patna	60·3	67·1	80·2	87·5	90·1	91·4	84·2	83·3	84·3	81·8	72·5	62·7	78·8
Gya	62·3	70·3	83·1	89·5	93·0	94·3	85·3	84·0	84·5	81·0	73·0	63·5	80·3
Hazaribagh	62·0	69·3	82·6	90·8	93·1	93·7	81·8	81·0	81·6	79·8	72·6	63·8	79·3
Berhampore	62·7	68·5	78·8	83·3	83·1	84·5	82·0	81·4	82·4	80·3	72·1	64·3	77·0
Burdwan	63·8	70·0	80·3	85·6	85·4	87·2	82·1	81·3	82·5	80·0	73·0	64·9	78·0
Jessore	63·5	68·9	79·8	83·9	84·5	85·1	82·4	81·8	82·9	80·5	73·2	65·2	77·6
Dacca	65·1	70·1	78·7	81·6	83·2	84·3	82·7	82·6	83·6	82·0	74·3	68·1	78·0
Chittagong	66·7	69·9	77·2	80·2	82·4	82·5	80·2	80·0	81·7	80·1	75·3	68·2	77·0

TABLE VI.—SEA-LEVEL EQUIVALENTS OF MONTHLY MEAN AIR-TEMPERATURES IN 1888.

Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
Calcutta (*Chowringhee*)	64·6	71·2	81·0	84·7	85·6	86·6	82·5	81·4	82·7	80·3	73·6	65·2	78·3
Do. (*Alipore*)	63·4	69·7	80·1	85·0	86·3	88·1	83·1	82·3	82·9	79·6	73·1	64·1	78·1
Saugor Island	65·4	72·3	80·3	84·2	86·4	87·7	83·9	82·6	83·6	80·5	74·4	65·4	78·9
Cuttack	71·5	78·1	85·2	90·2	92·2	92·0	84·5	82·9	84·7	82·7	76·4	69·1	82·5
False Point	65·8	72·8	78·5	81·9	84·5	84·6	81·2	80·6	82·4	79·0	73·6	64·8	77·5
Sambalpur	67·3	74·7	82·5	91·9	95·1	92·6	82·2	81·2	83·3	79·9	74·6	65·6	80·9
Raipur	67·7	76·3	85·4	94·0	95·6	90·5	81·0	80·6	82·8	80·3	75·0	67·0	81·4
Nagpur	68·8	76·2	85·0	93·3	95·2	87·5	82·0	81·8	82·7	80·8	75·3	68·4	81·4
Seoni	65·9	73·4	82·4	91·0	92·6	88·0	80·7	79·2	80·8	79·0	72·9	66·0	79·3
Jubbulpore	63·0	70·0	79·8	89·4	93·4	91·0	81·4	80·0	81·8	77·2	70·6	61·7	78·3
Saugor	63·7	70·9	82·4	90·9	94·5	91·7	82·0	79·2	80·9	78·8	72·2	66·1	79·4
Hoshangabad	65·2	72·8	82·4	90·4	93·9	90·5	81·1	79·4	81·9	80·1	73·3	65·7	79·7
Khandwa	67·2	74·8	83·1	90·9	88·5	90·3	81·8	80·2	82·5	79·8	74·8	67·0	80·1
Chanda	69·0	76·6	84·6	93·7	95·0	88·6	80·9	81·2	82·0	78·9	74·3	66·3	80·9
Sironcha	71·2	79·1	86·8	94·3	93·8	90·5	81·0	81·4	82·9	81·0	76·6	68·9	82·3
Buldana	70·3	77·1	85·6	92·4	92·3	86·2	80·0	78·4	81·1	80·5	76·8	72·5	81·1
Akola	68·6	75·8	83·1	92·1	94·1	89·8	81·7	80·8	82·9	80·0	76·6	67·9	81·1
Amraoti	69·8	77·4	85·4	92·5	93·5	87·0	80·7	80·7	82·7	80·9	76·4	70·7	81·5
Neemuch	63·2	69·2	81·4	89·2	92·9	93·0	83·6	79·8	83·0	80·4	71·7	66·4	79·5
Nowgong	59·0	66·2	79·0	87·8	93·6	93·8	82·4	80·2	81·6	77·8	68·2	60·2	77·5
Sutna	59·9	67·9	80·0	89·1	94·0	94·4	82·1	80·5	81·8	78·3	70·0	61·2	78·3
Indore	65·2	71·1	80·6	88·1	91·3	87·4	81·0	79·1	80·9	78·0	72·3	66·1	78·4
Bickaneer	58·8	64·4	80·5	89·7	95·0	95·5	93·9	88·4	90·2	84·5	73·6	65·3	81·7
Jeypore	60·5	67·3	81·7	89·2	95·3	95·9	88·0	82·7	85·6	80·7	71·8	65·0	80·3
Sambhar	56·4	64·5	78·9	87·6	93·4	93·7	87·5	81·9	84·3	78·2	68 2	59·6	77·9
Ajmere	58·7	66·8	80·9	89·7	94·3	93·4	86·8	81·2	83·9	77·3	67·9	61·7	78·6
Pachpadra	61·7	68·2	80·4	87·7	91·3	92·3	89·5	85·1	86·9	82·8	72·1	64·9	80·2
Jacobabad	55·1	62·4	78·1	88·3	93·5	98·0	96·2	94·0	88·7	80·1	67·7	60·8	80·2
Hyderabad	61·4	66·3	79·5	85·2	89·5	89·5	87·6	86·6	83·2	81·9	72·4	66·2	79·1
Kurrachee	62·5	67·8	77·5	81·4	84·3	86·7	84·3	81·8	81·1	80·9	74·0	69·3	77·6
Bhuj	66·3	71·2	81·3	85·3	87·6	88·5	83·0	80·2	82·2	83·4	75·4	69·8	79·5
Rajkot	67·9	71·0	81·1	85·5	89·3	88·1	82·6	79·9	82·5	82 8	75·3	69·6	79·6
Deesa	67·4	73·0	84·3	90·1	93·6	92·4	85·7	82·4	85·3	83·4	74·9	71·4	82·0
Surat	?	73·7	81·3	84·4	84·9	85·6	80·8	79·0	81·3	78·9	75·1	68·6	?
Malegaon	69·9	75·7	84·1	89·0	91·1	85·9	81·6	81·0	80·8	81·8	77·4	71·0	80·8
Bombay	75·2	76·9	80·9	82·2	85·1	83·0	81·2	79·7	81·8	83·0	80·7	77·3	80·6
Poona	75·4	81·2	87·8	90·9	88·1	84·4	79·2	78·8	80·5	83·6	81·4	76·5	82·3
Sholapur	74·5	80·7	88·8	93·3	91·2	86·1	81·4	82·5	83·2	83·3	79·1	73·9	83·2
Ratnagiri	74·1	75·0	79·0	82·0	84·8	79·9	78·7	78·1	78·6	80·9	79·7	77·0	78·8

Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December	Year.
Belgaum	75·5	80·8	84·9	86·8	84·8	79·1	76·1	75·4	77·5	81·2	79·2	77·0	79·9
Karwar	74·3	74·6	78·4	82·1	81·2	77·7	77·8	76·9	78·1	80·2	78·5	75·9	78·0
Gopalpur	70·4	75·9	79·6	81·3	83·7	84·9	83·0	81·8	84·0	80·8	75·6	68·8	79·1
Vizagapatam	76·0	80·5	83·8	87·0	88·5	89·9	85·9	86·5	86·9	84·9	79·4	75·2	83·7
Rajahmundry	75·9	80·9	85·4	89·5	89·5	90·4	83·7	84·0	84·6	83·5	78·3	74·8	83·4
Masulipatam	73·9	76·9	80·7	85·0	86·1	88·6	84·0	84·5	84·6	82·7	77·1	73·1	81·4
Secunderabad	74·1	80·8	88·5	92·9	91·5	87·9	81·8	82·3	83·6	82·5	77·2	72·1	82·9
Kurnool	77·2	82·2	90·0	93·7	89·5	89·0	85·0	84·8	85·2	85·2	79·9	75·6	84·8
Bellary	77·0	81·7	89·2	92·6	88·3	87·2	83·9	83·8	83·6	83·1	78·5	74·9	83·8
Mangalore	77·1	78·0	80·9	83·3	81·7	77·3	78·0	76·7	78·1	80·5	79·3	77·9	79·1
Mercara	72·7	75·7	80·5	79·0	77·5	73·9	73·0	72·7	75·2	76·6	?	?	?
Bangalore	74·2	78·8	83·8	86·5	84·6	81·2	79·5	79·0	79·6	78·8	76·9	73·9	79·7
Cuddapah	77·1	82·7	89·1	93·9	93·8	91·4	86·4	86·8	86·0	84·4	79·8	75·8	85·6
Madras	74·7	76·7	79·9	84·6	85·5	86·9	84·0	82·9	83·4	80·6	78·5	75·0	81·1
Salem	77·0	80·4	86·2	89·9	86·9	84·4	84·2	83·1	83·2	81·1	?	?	?
Calicut	77·5	78·8	81·7	83·8	81·7	77·9	77·5	77·0	78·6	80·3	79·5	78·5	79·4
Coimbatore	76·1	?	?	?	?	?	?	?	?	?	?	?	?
Trichinopoly	76·8	79·6	84·3	89·2	88·2	87·5	88·2	87·5	86·3	82·4	78·9	74·8	83·6
Negapatam	76·2	78·3	81·6	85·9	84·9	86·2	85·6	84·8	84·3	81·8	79·3	75·9	82·1
Madura	77·7	80·0	84·4	88·9	86·1	86·7	86·7	86·4	84·5	83·1	79·6	76·6	83·4
Cochin	79·1	80·0	83·1	83·4	80·8	77·6	77·8	77·1	78·6	79·5	79·3	78·6	79·6
Colombo	79·3	80·3	82·3	82·4	81·8	80·5	81·5	80·7	80·9	80·5	80·3	78·9	80·8
Jaffna	77·3	79·2	83·1	85·2	83·8	82·6	81·9	81·5	81·6	80·6	78·2	76·0	81·0
Trincomalee	78·1	80·1	82·6	84·3	83·6	84·6	85·0	84·3	83·8	82·6	78·9	77·6	82·4
Batticaloa	76·5	77·4	80·2	83·0	82·7	83·9	82·9	82·4	82·6	80·4	78·5	76·0	80·5
Hambantota	78·4	79·2	81·5	82·5	81·4	79·7	80·3	80·5	80·8	80·2	79·5	78·6	80·2
Galle	78·4	79·3	81·6	82·2	81·3	80·3	80·7	79·9	80·3	79·7	79·9	78·6	80·2
Kandy	77·2	79·4	82·1	82·5	81·5	78·9	80·4	79·1	79·2	79·6	78·9	76·2	79·6
Akyab	70·4	73·5	80·1	84·9	84·9	82·0	80·7	80·3	82·9	82·3	79·7	73·1	79·6
Thayetmyo	70·9	75·6	82·3	90·6	85·5	81·9	80·5	79·8	81·8	80·5	77·4	71·4	79·9
Toungoo	72·4	77·7	84·3	89·0	86·3	79·2	78·1	78·0	81·2	80·3	78·4	71·6	79·7
Bassein	73·9	75·9	80·6	84·2	81·8	78·1	78·4	78·5	79·2	79·3	78·4	74·1	78·3
Diamond Island	75·8	75·0	77·8	81·8	81·4	78·4	77·7	77·4	77·9	79·4	79·1	76·6	78·2
Rangoon	75·5	77·4	82·3	85·8	82·1	78·1	77·3	77·4	79·8	79·8	79·8	76·8	79·3
Moulmein	75·5	76·9	81·9	84·1	81·2	78·0	76·5	76·2	79·3	79·4	?	77·8	?
Mergui	73·5	76·1	79·2	81·3	78·5	75·4	75·2	75·2	75·8	77·2	77·4	75·8	76·7
Cocos Island	77·3	77·4	79·6	Not received.									?
Port Blair	78·7	79·2	82·1	84·9	81·9	78·8	80·6	80·2	79·1	81·3	81·2	80·7	80·7
Nancowry	79·3	80·2	81·9	82·3	80·5	79·6	81·6	80·2	78·6	79·0	78·5	?	?

TABLE VII.—MONTHLY MEANS AND EXTREMES OF PRESSURE IN 1888. (135 STATIONS).

1. BAGHDAD.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		28+		
January	·713	·747	·678*	·069	1·053	20th	1·526	1st	·527
February	·588	·608†	·568†	·040	·799	13th	1·314	28th	·485
March	·585	·606	·563	·043	·873	8th	1·239	2nd	·634
April	·414	·433	·394	·039	·626	27th	1·084	11th	·542
May	·377	·404	·350	·054	·595	12th	1·157	22nd	·438
June	·225	·250	·200	·050	·407	6th	1·068	3rd	·339
July	·110	·137	·082	·055	·294	5th	·991	13th	·303
August	·167	·194	·140	·054	·338	30th	1·014	11th	·324
September	·373	·404	·342	·062	·551	27th	1·222	15th	·329
October	·569	·592	·546	·046	·782	26th	1·374	2nd	·408
November	·705	·721	·688	·033	·885	25th	1·288	12th	·597
December	·830	·841	·818	·023	·992	22nd	1·574	15th	·418
Year	·471	·495	·447	·048	1·053	...	·991	...	·062

* Mean of 29 days. † Mean of 27 days.

2. ADEN.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·946	·995	·896‡	·099	1·085	1st	·785	14th	·300
February	·918	·974†	·861§	·113	1·035	4th	·797	13th	·238
March	·887	·947	·826	·121	1·019	5th	·749	27th	·270
April	·780	·845	·714	·131	·909	3rd	·660	7th	·249
May	·722	·779	·664	·115	·877	2nd	·588	25th	·289
June	·607	·660	·554	·106	·730	18th	·417	29th	·313
July	·574	·635‡	·513‡	·122	·740	6th	·431	14th	·309
August	·603	·669	·536	·133	·776	30th	·424	14th	·352
September	·739	·801	·676	·125	·913	27th	·532	2nd	·381
October	·843	·896	·790	·106	·950	26th	·712	3rd	·238
November	·881	·936	·826	·110	1·054	26th	·689	3rd	·365
December	·976	1·032	·920	·112	1·095	27th	·816	31st	·279
Year	·790	·847	·731	·116	1·095	...	·417	...	·678

‡ Mean of 30 days. § Mean of 28 days.

3. BUSHIRE.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	1·085	1·118	1·052	·066	1·245	11th	·897	14th	·348
February	1·023	1·055	·990	·065	1·191	19th	·827	17th	·364
March	·972	1·010*	·933	·077	1·125	22nd	·701	26th	·424
April	·837	·873	·800	·073	·995	14th	·598	20th	·397
May	·733	·763	·702	·061	·915	2nd	·548	26th	·367
June	·550	·574	·526	·048	·719	5th	·361	19th	·358
July	·463	·486	·440	·046	·562	31st	·386	13th	·176
August	·526	·552	·499	·053	·706	29th	·398	12th	·308
September	·763	·798	·727	·071	·895	23rd	·602	1st	·293
October	·925	·960	·890	·070	1·145	26th	·748	2nd	·397
November	1·023	1·058	·988	·070	1·201	29th	·847	3rd	·354
December	1·131	1·170	1·091	·079	1·438	21st	·803	15th	·635
Year	·836	·868	·803	·065	1·438	...	·361	...	1·077

* Mean of 30 days.

4. AMINI DIVI.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·984	1·040	·929	·111	1·111	6th	·864	14th	·247
February	·981	1·039	·922	·117	1·136	6th	·855	15th	·281
March	·934	·994	·875	·119	1·111	14th	·795	26th	·316
April	·863	·912	·814	·098	·971	22nd	·764	12th	·207
May	·824	·865	·782	·083	·944	2nd	·714	25th	·230
June	·824	·858	·789	·069	·924	14th	·720	19th	·204
July	·864	·898	·830	·068	·951	20th	·780	12th	·171
August	·876	·914	·838	·076	·981	25th	·773	8th	·208
September	·899	·947	·851	·096	1·036	22nd & 28th.	·794	17th	·242
October	·894	·943	·845	·098	1·024	11th	·746	28th	·278
November	·895	·941	·849	·092	1·007	30th	·724	2nd	·283
December	·933	·981	·886	·095	1·055	20th	·822	16th	·233
Year	·898	·944	·851	·093	1·136	...	·714	...	·422

5. QUETTA.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	24+	24+	24+		24+		24+		
January	·666	·696	·636	·060	·896	6th	·518	21st	·378
February	·649	·681	·616	·065	·826	27th	·465	18th	·361
March	·643	·679	·607	·072	·765	7th	·471	25th	·294
April	·572	·600	·544	·056	·698	14th	·398	11th	·300
May	·525	·552	·497	·055	·650	12th	·411	29th & 31st.	·239
June	·452	·478	·425	·053	·558	14th	·323	30th	·235
July	·376	·407	·345	·062	·464	3rd	·209	25th	·255
August	·423	·452	·393	·059	·526	25th	·273	7th & 1st	·253
September	·589	·618	·559	·059	·710	25th	·471	19th.	·239
October	·689	·722	·655	·067	·828	25th	·558	2nd	·270
November	·700	·736	·664	·072	·864	29th	·497	20th	·367
December	·734	·768	·699	·069	·876	19th	·557	12th	·319
Year	·585	·616	·553	·063	·896	...	·209	...	·687

6. LEH.

Month.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Range.	Highest reading.	Date and hour.	Lowest reading.	Date and hour.	Absolute range.
	19+	19+	19+	19+	19+		19+		19+		
January	·611	·617	·658	·568	·601	·090	1·010	7th, 10h.	·297	26th, 16h.	·713
February	·608	·595	·648	·579	·608	·069	·919	25th, „	·381	16th, 22h.	·538
March	·706	·715	·750	·665	·695	·085	·921	4th, „	·397	26th, 16h.	·524
April	·661	·677	·688	·615	·663	·073	·831	17th, „	·478	6th, „	·353
May	·685	·715	·704	·635	·687	·069	·870	11th, 6h.	·435	3rd, „	·435
June	·611	·636	·631	·559	·610	·072	·725	22nd, 22h.	·461	6th, „	·264
July	·607	·634	·647	·550	·598	·097	·745	14th, 6h.	·430	19th, „	·315
August	·635	·665	·679	·561	·634	·118	·746	20th, „	·472	29th, „	·274
September	·719	·745	·772*	·645	·714	·127	·892	12th, 10h.	·534	29th, „	·358
October	·782	·805	·817	·720	·785	·097	·982	25th, „	·598	27th, „	·384
November	·741	·756	·777	·690	·739	·087	·955	15th, „	·552	25th, „	·403
December	·765	·777	·797	·716	·771	·081	1·094	18th, „	·456	29th, „	·638
Year	·678	·695	·714	·625	·675	·089	1·094	...	·297	...	·797

* Mean of 29 days.

7. MOOLTAN.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	28+		29+		28+		
January	·678	·728	1·628	·100	·879	6th	1·505	26th	·374
February	·631	·677	1·584	·093	·838	22nd	1·480	17th	·358
March	·444	·502	1·385	·117	·672	27th	1·093	25th	·579
April	·288	·347	1·228	·119	·528	3rd	·956	30th	·572
May	·158	·205	1·111	·094	·417	6th	·917	29th	·500
June	·032	·079	·984	·095	·228	2nd	·865	30th	·363
July	·010	·059	·960	·099	·194	13th	·844	9th	·350
August	·072	·126	1·017	·109	·250	25th	·913	11th	·337
September	·263	·326	1·200	·126	·440	25th	1·056	1st	·384
October	·487	·541	1·433	·108	·728	30th	1·187	1st	·541
November	·583	·644	1·521	·123	·866	27th	1·380	3rd	·486
December	·684	·742	1·626	·116	·835	1st	1·524	6th	·311
Year	·361	·415	1·306	·109	·879	...	·844	...	1·035

8. DERA ISMAIL KHAN.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		29+		28+		
January	1·521	1·557	1·485	·072	·710	6th	1·320	26th	·390
February	1·461	1·495	1·427	·068	·661	4th	1·286	12th	·375
March	1·291	1·342	1·240	·102	·525	27th	·961	25th	·564
April	1·153	1·203	1·102	·101	·353	3rd	·848	30th	·505
May	·999	1·046	·952	·094	·268	7th	·769	29th	·499
June	·870	·919	·820	·099	·078	2nd	·659	30th	·419
July	·854	·903	·805	·098	·088	31st	·659	18th	·429
August	·929	·975	·882	·093	·125	20th	·752	11th	·373
September	1·119	1·168	1·070	·098	·289	25th	·943	1st	·346
October	1·349	1·393	1·304	·089	·563	24th	1·102	1st	·461
November	1·437	1·477	1·397	·080	·677	27th	1·274	10th	·403
December	1·525	1·565	1·484	·081	·667	19th	1·372	29th	·295
Year	1·209	1·254	1·164	·090	·710	...	·659	...	1·051

TABLE VII.—MONTHLY MEANS AND EXTREMES OF PRESSURE IN 1888.

9. PESHAWAR.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January .	·983	1·029	·937	·092	1·196	6th	·755	26th	·441
February .	·937	·977	·896	·081	1·138	27th	·745	16th	·393
March .	·808	·854	·761	·093	1·040	20th	·502	25th	·538
April . .	·667	·716	·618	·098	·850	2nd	·358	30th	·492
May . .	·522	·576	·468	·108	·786	7th	·275	29th	·511
June . .	·388	·431	·345	·086	·579	14th	·162	29th	·417
July . .	·340	·402	·277	·125	·556	31st	·109	18th	·447
August .	·423	·481	·364	·117	·645	20th	·212	6th	·433
September .	·623	·682	·564	·118	·798	25th	·451	1st	·347
October .	·836	·889	·782	·107	1·056	24th	·614	8th	·442
November .	·921	·969	·873	·096	1·153	27th	·770	2nd & 8th	·383
December .	1·010	1·055	·964	·091	1·161	19th	·859	6th	·302
Year . .	·705	·755	·654	·101	1·196	...	·109	...	1·087

10. MURREE.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date and hour.	Absolute range.
	23+	23+	23+		23+		23+		
January .	·864	·884	·844*	·040	1·054	6th	·635	26th, 16h.	·419
February .	·847	·858	·836	·022	1·002	27th	·708	16th, ,,	·294
March .	·869	·886	·852	·034	1·004	21st	·600	26th, 10h.	·404
April . .	·808	·825	·791	·034	·920	14th	·588	30th, 16h.	·332
May . .	·777	·794	·759	·035	·956	11th	·587	1st, 10h.	·369
June . .	·702	·717	·687	·030	·793	23rd	·615	30th, 16h.	·178
July . .	·686	·705	·667	·038	·799	31st	·546	24th, ,,	·253
August .	·729	·747	·711	·036	·826	20th	·624	11th, ,,	·202
September .	·871	·890†	·851†	·039	·968	25th	·740	1st, ,,	·228
October .	·959	·978	·939*	·039	1·106	25th	·857	8th, ,,	·249
November .	·931	·952	·910	·042	1·056	13th	·781	21st, ,,	·275
December .	·938	·957	·919	·038	1·097	19th	·800	29th, ,,	·297
Year . .	·832	·849	·814	·035	1·106	...	·546	...	·560

* Mean of 30 days.
† ,, ,, 29 ,,

11. RAWALPINDI.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	27+	27+	27+		28+		27+		
January .	Untrustworthy.								
February .	Ditto.								
March .	Ditto.								
April . .	1·080	1·118	1·041	·077	·271	3rd	·752	30th	·519
May . .	·968	1·009	·927	·082	·219	7th	·740	29th	·479
June . .	·854	·898	·809	·089	·039	2nd	·633	29th	·406
July . .	·831	·879	·782	·097	·028	31st	·608	18th	·420
August .	·904	·949	·859	·090	·108	20th	·724	11th	·384
September .	1·080	1·127	1·033	·094	·238	25th	·924	1st	·314
October .	1·271	1·313	1·228	·085	·480	29th	1·088	8th	·392
November .	1·339	1·382	1·296	·086	·539	27th	1·202	2nd	·337
December .	1·398	1·438	1·358	·080	·544	1st	1·264	28th & 29th.	·280
Year . .	?	?	?	?	?	...	·608	...	?

12. SIALKOT.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January .	1·216	1·253	1·178	·075	1·425	6th	1·035	22nd	·390
February .	1·165	1·198	1·131	·067	1·315	4th	1·011	16th	·304
March .	1·013	1·057	·969	·088	1·187	14th & 27th.	·764	25th	·423
April . .	·865	·904	·826	·078	1·050	3rd	·603	30th	·447
May . .	·751	·791	·710	·081	·998	6th	·570	26th	·428
June . .	·644	·690	·597	·093	·841	4nd	·446	29th	·395
July . .	·646	·685	·606	·079	·824	31st	·457	24th	·367
August .	·711	·751	·670	·081	·889	20th	·560	11th	·329
September .	·888	·933	·842	·091	1·024	21st	·742	1st	·282
October .	1·082	1·124	1·040	·084	1·286	25th	·897	7th	·389
November .	1·159	1·206	1·112	·094	1·374	27th	1·004	21st	·370
December .	1·226	1·270	1·181	·089	1·392	1st	1·065	31st	·327
Year . .	·947	·989	·905	·084	1·425	...	·446	...	·979

13. LAHORE.

Month.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Range.	Highest reading.	Date and hour.	Lowest reading.	Date and hour.	Absolute range.
	28+	28+	28+	28+	28+		28+		28+		
January .	1·367	1·347	1·415	1·336	1·371	·079	1·595	6th, 10h.	1·133	22nd, 16h.	·462
February .	1·315	1·293	1·363	1·286	1·317	·077	1·517	6th, „	1·159	20th, „	·358
March .	1·141	1·120	1·199	1·098	1·148	·101	1·345	27th, „	·758	26th, 4h.	·587
April .	·988	·972	1·040	·948	·993	·092	1·184	3rd, „	·625	30th, 16h.	·559
May . .	·868	·855	·915	·828	·873	·087	1·134	6th, „	·646	29th, „	·488
June . .	·758	·754	·812	·714	·753	·098	·966	1st, 22h.	·585	29th, „	·381
July . .	·755	·746	·803	·706	·764	·097	·945	31st, 10h.	·549	18th, „	·396
August .	·826	·819	·874	·785	·825	·089	1·002	20th, „	·654	11th, „	·348
September .	1·008	·991	1·064	·976	·999	·088	1·165	26th, „	·855	1st, „	·310
October .	1·208	1·191	1·261	1·170	1·211	·091	1·429	29th, „	1·026	1st, „	·403
November .	1·290	1·267	1·348	1·253	1·292	·095	1·548	27th, „	1·125	21st, 4h.	·423
December .	1·366	1·346	1·417	1·331	1·371	·086	1·537	1st, „	1·221	21st, 16h.	·316
Year . .	1·074	1·058	1·126	1·036	1·076	·090	1·595	...	·549	...	1·046

14. LUDHIANA.

Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
28+	28+	28+		28+		28+		
1·241	1·281	1·200	·081	1·438	5th	1·008	22nd	·430
1·176	1·212	1·140	·072	1·336	4th	1·015	16th	·321
1·026	1·069	·983	·086	1·213	27th	·800	25th	·413
·876	·922	·829	·093	1·061	3rd	·586	30th	·475
·773	·817	·728	·089	1·017	7th	·571	29th	·446
·670	·716	·624	·092	·852	8th	·523	29th	·329
·680	·723	·636	·087	·847	31st	·495	18th	·352
·739	·781	·697	·084	·892	20th	·584	11th	·308
·930	·972	·887	·085	1·072	26th	·789	9th	·283
1·096	1·134	1·058	·076	1·275	29th	·942	8th	·333
1·172	1·212	1·132	·080	1·393	27th	1·021	20th	·372
1·250	1·291	1·209	·082	1·407	1st	1·133	28th	·274
·969	1·011	·927	·084	1·438	...	·495	...	·943

15. CHAMBA.

Month.	Mean.	4 hours.	6 hours.	10 hours.	16 hours.	22 hours.	Range.	Highest reading.	Date and hour.	Lowest reading.	Date and hour.	Absolute range.
	26+	26+	26+	26+	26+	26+		26+		26+		
January .	1·019	1·014	Hour of observation changed from April 1st	1·057	·972	1·032	·085	1·214	6th, 10h.	·814	26th, 4h.	·400
February .	·992	·987*		1·034	·943	1·003	·091	1·153	27th, „	·789	16th, 16h.	·364
March .	·916	·914	Observed previously at 4 A.M.	·962	·850	·938	·112	1·086	13th, 22h.	·540	26th, 4h.	·546
April .	·815		·839	·843	·750	·828	·093	·985	3rd, 6h.	·519	30th, 16h.	·466
May . .	·747		·771	·765	·689	·761	·076	·940	12th, „	·549	26th, „	·391
June . .	·751		·783	·771	·700	·750	·071	·952	7th, 10h.	·592	25th, „	·360
July . .	·607		·617	·633	·562	·615	·071	·761	31st, „	·460	24th, „	·301
August .	·657		·669	·683	·609	·665	·074	·839	20th, „	·513	11th, „	·326
September	·823		·840	·852	·767	·834	·085	·961	24th, „	·655	1st, „	·306
October .	·995		1·012	1·021	·934	1·011	·087	1·179	25th, „	·791	7th, „	·388
November .	1·027		1·030	1·063	·973	1·040	·090	1·207	27th, „	·855	20th, „	·352
December .	1·072		1·069	1·114	1·023	1·080	·091	1·209	1st, „	·911	29th, „	·298
Year . .	·868		?	·900	·814	·880	·086	1·214	...	·460	...	·754

16. KAILANG.

Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date and hour.	Lowest reading.	Date.	Absolute range.
20+	20+	20+		20+		20+*		
·745	·786	·704	·082	·969	7th	·421	26th	·548
·758	·791	·725	·066	·919	28th	·533	17th	·386
·835	·859	·811	·048	·957	2nd	·639	12th	·318
·792	·818	·766	·052	·907	15th	·624	30th	·283
·776	·794	·758	·036	·878	11th	·606	31st	·272
·673	·709	·637	·072	·778	13th	·512	30th	·266
·649	·685	·613	·072	·763	22nd	·502	25th	·261
·668	·710	·625	·085	·751	8th, 16h.	·535	13th	·216
·778	·807	·748	·059	·869	21st, 10h.	·600	28th	·269
·841	·872	·810	·062	·969	25th	·759	17th	·210
·818	·849	·786	·063	·909	16th	·730	6th & 9th.	·179
·867	·904	·830	·074	1·177	18th	·661	29th	·516
·767	·799	·734	·065	1·177	...	·421	...	·756

* Mean of 28 days.

TABLE VII.—MONTHLY MEANS AND EXTREMES OF PRESSURE IN 1888.

17. SIMLA.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	23+	23+	23+		23+		23+		
January	·247	·269	·225	·044	·426	5th	·041	26th	·385
February	·237	·256	·217	·039	·384	25th	·080	16th	·304
March	·275	·302	·247	·055	·432	20th	·111	25th	·321
April	·218	·241	·195	·046	·329	21st	·087	9th	·242
May	·179	·201	·156	·045	·327	12th	·060	31st	·267
June	·112	·133	·090	·043	·218	14th	·034	5th & 10th.	·184
July	·085	·107	·063	·044	·190	31st	·007	25th	·183
August	·118	·143	·093	·050	·221	20th	·023	11th	·198
September	·239	·264	·214	·050	·344	11th	·102	20th	·242
October	·322	·347	·297	·050	·472	25th	·184	8th	·288
November	·305	·335	·274	·061	·432	13th	·206	19th	·226
December	·303	·331	·274	·057	·464	19th	·192	30th	·272
Year	·220	·244	·195	·049	·472	...	·007	...	·465

18. DELHI.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January	1·355	1·413	1·297	·116	1·570	6th	1·138	22nd	·432
February	1·273	1·334	1·212	·122	1·451	6th	1·111	19th	·340
March	1·149	1·206	1·092	·114	1·313	14th	·981	12th	·332
April	·998	1·039	·957	·082	1·149	3rd	·820	30th	·329
May	·903	·947	·859	·088	1·118	7th	·694	29th	·424
June	·797	·840	·753	·087	·947	2nd	·692	29th	·255
July	·799	·842	·756	·086	·913	13th	·663	25th	·250
August	·848	·888	·807	·081	·951	20th	·730	4th	·221
September	1·029	1·073	·985	·088	1·169	25th	·826	19th	·343
October	1·199	1·236	1·152	·094	1·387	25th	1·044	8th	·343
November	1·289	1·340	1·237	·103	1·458	30th	1·129	8th	·329
December	1·383	1·434	1·332	·102	1·522	19th	1·269	28th	·253
Year	1·085	1·134	1·037	·097	1·570		·663	...	·907

19. SIRSA.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January	1·421	1·462	1·379	·083	1·644	6th	1·157	22nd	·487
February	1·358	1·397	1·319	·078	1·536	6th	1·178	12th	·358
March	1·195	1·248	1·141	·107	1·379	7th	·935	25th	·444
April	1·044	1·098	·989	·109	1·273	4th	·740	30th	·533
May	·930	·979	880	·099	1·186	7th	·707	29th	·479
June	819	·872*	·765	·107	·971	2nd	·666	30th	·305
July	·811	·864	·757	·107	1·018	31st	·630	9th	·388
August	·872	·923	·820	·103	·995	20th	·701	11th	·294
September	1·071	1·121	1·020	·101	1·233	25th	·873	1st	·360
October	1·253	1·299	1·207	·092	1·459	30th	1·082	1st	·377
November	1·341	1·385	1·296	·089	1·564	27th	1·185	11th	·379
December	1·424	1·470	1·378	·092	1·566	1st	1·284	29th	·282
Year	1·128	1·177	1·079	·098	1·644	...	·630	..	1·014

20. CHAKRATA.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date and hour.	Absolute range.
	23+	23+	23+		23+		22+		
January	·244	·280	·229	·051	·425	6th	1·047	26th, 16 h.	·378
February	·237	·278	·224	·054	·456	26th	1·075	17th ,,	·381
March	·252	·286	·242	·044	·392	20th	1·133	26th, 10 h.	·259
April	·201	·233	·188	·045	·322	2nd	1·073	30th, 16 h.	·249
May	·183	·215	·170	·045	·357	11th	1·058	19th	·299
June	·110	·136	·088	·048	·204	23rd	1·014	30th	·190
July	·098	·123	·082	·041	·203	31st	·982	24th	·221
August	·136	·161	·115	·046	·245	20th	1·033	11th	·212
September	·252	·279	·232	·047	·342	25th	1·141	1st	·201
October	·340	·369	·322	·047	·498	25th	1·227	7th	·271
November	·329	·368	·310	·058	·441	16th & 22nd.	1·231	19th	·210
December	·363	·398	·343	·055	·505	24th	1·269	6th	·236
Year	·229	·261	·212	·049	·505	...	·982	...	·523

* Mean of 29 days.

21. MUSSOOREE (*Trigonometrical Survey Office*).

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	23+	23+	23+		23+		23+		
January	·419	·446	·391	·055	·595	6th	·201	26th	·394
February	·414	·440	·388	·052	·585	3rd	·252	17th	·333
March	·423	·448	·398	·050	·552	20th	·294	9th	·258
April	·370	·394	·346	·048	·483	2nd	·235	30th	·248
May	·345	·370	·320	·050	·516	11th	·203	19th	·313
June	·263	·288	·238	·050	·356	13th	·168	30th	·188
July	·254	·278	·230	·048	·363	31st	·133	24th	·230
August	·286	·312	·260	·052	·400	20th	·179	11th	·221
September	·405	·432	·378	·054	·496	25th	·281	2nd	·215
October	·497	·524	·470	·054	·657	25th	·380	7th	·277
November	·483	·514	·452	·062	·595	27th	·357	19th	·238
December	·487	·517*	·455†	·062	·632	19th	·396	6th	·236
Year	·387	·414	·361	·053	·657	...	·133	...	·524

22. DEHRA.

Month.	Mean.	9-30 hours.	15-30 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	27+	27+	27+		27+		27+		
January	·770	·820	·741	·079	·974	6th	·620	26th	·354
February	·731	·771	·701	·070	·908	3rd	·577	16th	·331
March	·640	·684	·612	·072	·798	7th	·489	24th	·309
April	·596	·555	·475	·080	·675	3rd	·340	30th	·335
May	·457	·506	·424	·082	·656	12th	·296	29th	·370
June	·335	·381	·301	·080	·504	8th	·183	25th	·321
July	·347	·387	·321	·066	·477	13th	·185	24th	·292
August	·392	·428	·364	·064	·540	21st	·253	11th	·287
September	·541	·582	·512	·070	·660	25th	·410	1st	·250
October	·710	·740	·690	·050	·879	25th	·529	7th	·350
November	·758	·802	·726	·076	·927	27th	·592	19th	·335
December	·789	·837	·759	·078	·940	19th	·657	28th	·283
Year	·581	·624	·552	·072	·974	...	·183	...	·791

* Mean of 29 days.
† „ „ 28 „

23. ROORKEE.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January	1·145	1·204	1·112	·092	1·375	6th	·997	26th	·378
February	1·089	1·139	1·050	·089	1·274	3rd	·939	17th	·335
March	·939	1·000	·899	·101	1·122	14th	·764	9th & 24th.	·358
April	·784	·851	·741	·110	·965	3rd	·584	30th	·381
May	·709	·781	·661	·120	·942	7th	·515	26th	·427
June	·593	·661	·543	·118	·782	2nd	·429	25th	·353
July	·624	·683	·584	·099	·700	13th	·427	24th	·273
August	·673	·726	·633	·093	·810	20th	·513	11th	·297
September	·846	·898	·808	·090	·976	24th	·707	1st	·269
October	1·016	1·072	·978	·094	1·230	25th	·833	7th	·397
November	1·100	1·158	1·058	·100	1·300	27th	·909	19th	·391
December	1·159	1·216	1·121	·095	1·320	19th	1·033	28th	·287
Year	·890	·949	·849	·100	1·375	...	·427	...	·948

24. RANIKHET.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	23+	23+	23+		24+		23+		
January	1·092	1·135	1·075	·060	·266	8th	·900	26th	·366
February	1·085	1·119	1·068	·051	·282	26th	·919	16th	·363
March	1·074	1·111	1·052	·059	·205	7th	·962	26th	·243
April	1·021	1·060	1·004	·056	·163	2nd	·905	5th	·258
May	·996	1·044	·980	·064	·175	12th	·886	18th	·289
June	·916	·955	·901	·054	·046	13th	·830	11th	·216
July	·920	·954	·899	·055	·031	31st	·810	18th	·221
August	·947	·987	·934	·053	·050	20th	·858	11th	·192
September	1·064	1·101	1·050	·051	·162	26th	·963	1st	·199
October	1·153	1·194	1·139	·055	·308	25th	1·021	6th	·287
November	1·158	1·197	1·139	·058	·280	27th	1·046	19th	·234
December	1·162	1·207	1·145	·062	·276	19th	1·080	30th	·196
Year	1·049	1·089	1·032	·057	·308	...	·810	...	·498

25. PITHORAGARH.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	24+	24+	24+		24+		24+		
January	·777	·820	·760	·060	·942	6th	·637	26th	·305
February	·763	·809	·740	·069	1·020	26th	·585	17th	·435
March	·736	·785	·709	·076	·855	7th	·609	24th	·246
April	·660	·712	·637*	·075	·814	2nd	·533	9th	·281
May	·641	·694	·623	·071	·812	11th	·499	19th	·313
June	·538	·589	·519*	·070	·683	8th	·445	11th	·238
July	·546	·588	·521	·067	·682	13th	·401	24th	·281
August	·582	·628	·567	·061	·706	20th	·485	11th	·221
September	·706	·751	·688	·063	·797	20th	·601	1st	·196
October	·793	·840	·778	·062	·961	25th	·685	7th	·276
November	·814	·859	·792	·067	·956	27th	·698	19th	·258
December	·813	·862	·793	·069	·956	19th	·717	30th	·239
Year	·697	·745	·677	·068	1·020	...	·401	...	·619

* Mean of 29 days.

26. MEERUT.

Month.	Mean.	10 hours.	16h hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January	1·318	1·366	1·282	·084	1·537	6th	1·142	26th	·395
February	1·253	1·300	1·215	·085	1·419	3rd	1·109	16th	·310
March	1·103	1·160	1·066	·094	1·275	14th	·935	25th	·340
April	·945	1·004	·900	·104	1·113	13th	·687	30th	·426
May	·867	·934	·824	·110	1·101	6th	·665	26th	·436
June	·751	·818	·708	·110	·938	2nd	·623	25th & 26th	·315
July	·775	·826	·733	·093	·896	30th	·593	24th	·303
August	·826	·877	·786	·091	·948	20th	·669	11th	·279
September	1·000	1·053	·965	·088	1·146	24th	·846	1st	·300
October	1·176	1·229	1·136	·093	1·377	25th	1·006	7th	·371
November	1·260	1·316	1·218	·098	1·458	27th	1·086	19th	·372
December	1·334	1·388	1·294	·094	1·487	19th	1·206	29th	·281
Year	1·051	1·106	1·011	·095	1·537	...	·593	...	·944

27. BAREILLY.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		29+		28 +		
January	1·491	1·546	1·452	·094	·719	7th	1·328	26th	·391
February	1·413	1·464	1·371	·093	·626	3rd	1·260	15th & 17th	·366
March	1·274	1·326	1·228	·098	·449	7th	1·091	24th	·358
April	1·106	1·171	1·052	·119	·298	2nd	·918	30th	·380
May	1·040	1·102	·985	·117	·261	11th	·816	19th	·445
June	·916	·968	·858	·110	·121	8th	·745	25th	·376
July	·945	·988	·893	·095	·078	13th	·768	24th	·310
August	·996	1·040	·946	·094	1·120	20th	·856	11th	·264
September	1·172	1·219	1·121	·098	·299	25th	1·009	1st	·290
October	1·339	1·391	1·295	·096	·546	25th	1·149	7th	·397
November	1·427	1·488	1·379	·109	·614	27th	1·232	19th	·382
December	1·496	1·555	1·447	·108	·652	19th	1·359	28th	·293
Year	1·218	1·272	1·169	·103	·719	...	·745	...	·974

28. AGRA.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	29+	28+		29+		28+		
January	1·534	·592	1·491	·101	·765	6th	1·299	22nd	·466
February	1·474	·533	1·424	·109	·668	6th	1·314	14th	·354
March	1·329	·389	1·275	·114	·504	1st	1·135	31st	·369
April	1·167	·232	1·114	·118	·345	7th	·909	30th	·436
May	1·077	·138*	1·022*	·116	·303	7th	·844	26th	·459
June	·969	·026	·903	·123	·131	2nd	·808	11th	·323
July	·970	·010	·921	·089	·098	13th	·834	24th	·264
August	1·022	·066	·971	·095	·129	31st	·873	11th	·256
September	1·208	·254	1·158	·096	·368	24th	·899	19th	·469
October	1·379	·431	1·335	·096	·564	25th	1·233	1st	·331
November	1·458	·517	1·410	·107	·659	30th	1·298	20th	·361
December	1·544	·605	1·495	·110	·683	1st	1·413	28th	·270
Year	1·261	·316	1·210	·106	·765	...	·808	...	·957

* Mean of 27 days.

29. LUCKNOW.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		28+		
January .	·709	·764	·669	·095	·925	6th	1·546	26th	·379
February .	·634	·688	·590	·098	·850	3rd	1·474	17th	·376
March . .	·499	·554	·450	·104	·678	7th	1·346	31st	·332
April . .	·336	·394	·288	·106	·505	2nd	1·159	30th	·346
May . .	·265	·320	·215	·105	·484	11th	1·045	19th	·439
June . .	·142	·196	·082	·114	·323	2nd	·979	11th	·344
July . .	·156	·196	·110	·086	·278	31st	1·008	5th	·270
August .	·218	·257	·173	·084	·359	26th	1·103	11th	·256
September .	·390	·431	·344	·087	·521	24th	1·211	1st	·310
October .	·548	·599	·504	·095	·731	25th	1·378	8th	·353
November .	·638	·692	·595	·097	·841	30th	1·468	19th	·373
December .	·714	·771	·666	·105	·856	19th	1·599	30th	·257
Year . .	·437	·488	·391	·097	·925	...	·979	...	·946

30. GORAKHPUR.

Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
29+	29+	29+		29+		29+		
·809	·864	·770	·094	·993	8th	·675	13th	·318
·719	·776	·671	·105	·959	3rd	·537	17th	·422
·590	·649	·537	·112	·775	1st	·392	25th	·383
·422	·490	·366	·124	·632	1st	·280	16th	·352
·376	·437	·321	·116	·610	11th	·146	19th	·464
·242	·296	·181	·115	·427	2nd	·092	16th	·335
·262	·308	·207	·101	·391	12th & 31st.	·140	5th	·251
·395	·353	·250	·103	·449	25th	·127	11th	·322
·482	·532	·427	·105	·641	20th	·298	6th	·343
·647	·702	·600	·102	·860	25th	·449	7th	·411
·742	·801	·695	·106	·940	30th	·576	20th	·364
·807	·864	·759	·105	·938	18th	·670	30th	·268
·534	·589	·482	·107	·993	...	·092	...	·901

31. JHANSI.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January .	1·224	1·274	1·187	·087	1·434	6th	1·002	22nd	·432
February .	1·159	1·216	1·111	·105	1·338	6th	·994	17th	·344
March .	1·032	1·094	·977	·117	1·206	1st	·847	31st	·359
April .	·881	·946	·828	·118	1·047	3rd	·669	30th	·378
May . .	·788	·847	·734	·113	1·004	8th	·597	26th	·407
June . .	·686	·735	·631	·104	·815	2nd	·555	11th	·260
July . .	·676	·713	·632	·081	·764	13th	·580	6th	·184
August .	·725	·762	·683	·079	·839	26th	·593	18th	·246
September .	·899	·942	·852	·090	1·072	25th	·642	18th	·430
October .	1·068	1·120	1·023	·097	1·233	25th	·932	2nd & 7th.	·301
November .	1·140	1·198	1·094	·104	1·332	29th	·978	11th	·354
December .	1·233	1·287	1·188	·099	1·361	18th	1·118	28th to 30th.	·243
Year . .	·959	1·011	·912	·099	1·434	...	·555	...	·879

32. ALLAHABAD.

Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Range.	Highest reading.	Date and hour.	Lowest reading.	Date and hour.	Absolute range.
29+	29+	29+	29+	29+		29+		29+		
·780	·777	·838	·737	·795	·101	1·004	6th, 10h.	·620	26th, 16h.	·384
·697	·698	·762	·648	·707	·114	·912	3rd, „	·507	17th, „	·405
·553	·563	·623	·496	·561	·127	·767	7th, „	·376	31st, „	·391
·383	·400	·454	·324	·392	·130	·562	2nd, „	·188	30th, „	·374
·306	·328	·370	·250	·312	·120	·538	7th, „	·082	26th, „	·456
·188	·213	·249	·127	·196	·122	·355	2nd, „	·008	11th, „	·347
·192	·196	·235	·143	·217	·092	·328	31st, „	·071	8th, „	·257
·253	·258	·295	·200	·279	·095	·429	26th, „	·074	11th, „	·355
·427	·428	·481	·376	·448	·105	·597	25th, „	·232	17th, „	·365
·606	·611	·667	·557	·617	·110	·789	25th, „	·445	7th, „	·344
·694	·697	·761	·648	·703	·113	·910	30th, „	·546	20th, „	·364
·776	·776	·848	·730	·784	·118	·923	18th & 19th, „	·641	28th, „	·282
·488	·495	·549	·436	·501	·113	1·004	...	·008	...	·996

33. BENARES.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·820	·876	·780	·096	1·032	6th	·676	26th	·356
February	·736	·799	·685	·114	·964	3rd	·556	17th	·408
March	·592	·657	·535	·122	·799	1st	·419	31st	·380
April	·419	·489	·361	·128	·604	2nd	·237	29th	·367
May	·345	·410	·287	·123	·588	7th	·128	26th	·460
June	·229	·283	·169	·114	·399	2nd	·053	11th	·346
July	·237	·281	·185	·096	·369	30th	·103	8th	·266
August	·288	·335	·235	·100	·450	26th	·089	11th	·361
September	·468	·520	·412	·108	·626	24th	·312	16th	·314
October	·645	·703	·594	·109	·832	25th	·469	7th	·363
November	·735	·799	·684	·115	·943	30th	·574	20th	·369
December	·820	·882	·770	·112	·970	19th	·684	30th	·286
Year	·528	·586	·475	·111	1·032	...	·053	...	·979

34. GHAZIPUR.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·889	·938	·839	·099	1·086	6th	·727	27th	·359
February	·783	·847	·719	·128	1·034	3rd	·590	17th	·444
March	·647	·712	·581	·131	·851	1st	·467	25th	·384
April	·483	·549	·416	·133	·649	1st	·296	29th	·353
May	·414	·478	·349	·129	·650	11th	·178	26th	·472
June	·281	·337	·224	·113	·454	2nd	·118	11th	·336
July	·290	·338	·242	·096	·428	31st	·175	8th	·253
August	·343	·391	·294	·097	·479	26th	·165	11th	·314
September	·525	·582	·468	·114	·695	20th	·351	17th	·344
October	·702	·758	·645	·113	·883	25th & 26th	·509	7th	·374
November	·800	·862	·737	·125	·990	30th	·611	19th	·379
December	·881	·935	·826	·109	1·018	19th	·725	30th	·293
Year	·586	·644	·528	·116	1·086	...	·118	...	·968

35. KATMANDU.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	25+	25+	25+		25+		25+		
January	·685	·729	·640	·089	·864	5th	·537	13th	·327
February	·685	·730	·640	·090	·883	3rd	·556	13th	·327
March	·657	·702	·612	·090	·808	13th	·486	24th	·322
April	·572	·614	·530	·084	·773	21st	·400	9th	·373
May	·552	·594	·509	·085	·710	10th	·382	25th	·328
June	·418	·460	·375	·085	·547	4th	·290	12th	·257
July	·431	·472	·389	·083	·587	12th	·297	24th	·290
August	·466	·501	·430	·071	·588	26th	·342	12th	·246
September	·608	·648	·568	·080	·739	24th	·471	1st	·268
October	·712	·753	·670	·083	·897	26th	·555	6th	·342
November	·737	·776	·698	·078	·900	24th	·561	19th	·339
December	·749	·801	·696	·105	·900	4th	·590	31st	·310
Year	·606	·648	·563	·085	·900	...	·290	...	·610

36. SIBSAGAR.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·752	·810	·679	·131	·949	5th	·553	13th	·396
February	·666	·732	·590	·142	·850	3rd	·440	28th	·410
March	·590	·659	·505	·154	·778	13th	·290	25th	·488
April	·470	·534	·398	·136	·692	22nd	·220	8th	·472
May	·419	·486	·350	·136	·677	11th	·180	19th	·497
June	·261	·317	·197	·120	·403	1st & 2nd	·085	15th	·318
July	·290	·348	·222	·126	·433	13th	·151	29th	·282
August	·319	·385	·246	·139	·573	26th	·159	8th	·414
September	·470	·540	·393	·147	·631	24th	·287	1st	·344
October	·609	·672	·538	·134	·822	25th	·380	5th	·442
November	·696	·758	·616	·142	·862	26th	·491	19th	·371
December	·744	·811	·664	·147	·911	19th	·578	9th	·333
Year	·524	·588	·450	·138	·949	...	·085	...	·864

37. TEZPUR. (*a*.)

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date	Absolute range.
	29+	29+	29+		29+		29+		
January	·844	·894	·793	·101	1·010	6th	·718	28th	·292
February	·774	·830	·718	·112	·929	1st	·633	15th	·296
March	·715	·764	·665	·099	·892	13th	·436	25th	·456
April	·576	·633	·518	·115	·759	2nd & 18th	·356	14th	·403
May	·518	·575	·460	·115	·723	10th & 11th	·279	18th	·444
June	·352	·404	·299	·105	·519	1st	·207	18th	·312
July	·367	·417*	·316*	·101	·535	21st	·225	22nd	·310
August	·355	·400	·310	·090	·579	25th	·256	16th	·323
September	·567	·620†	·513	·107	·743	24th	·374	1st	·369
October	·723	·769‡	·676	·093	·913	24th	·496	7th	·417
November	·813	·847	·778	·069	·934	26th	·679	11th	·255
December	·860	·893	·827	·066	·951	3rd	·766	10th & 11th	·185
Year	·622	·671	·573	·098	1·010	...	·207	...	·803

38. DHUBRI.

Month.	Mean.	10 hours	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·948	1·012	883	·129	1·144	5th	·739	28th	·405
February	·853	·922	·783	·139	1·079	3rd	·627	17th	·452
March	·757	·828	·685	·143	1·054	13th	·463	24th	·591
April	·627	·701	·553	·148	·856	22nd	·392	7th	·464
May	·596	·661	·531‡	·130	·852	11th	·341	19th	·511
June	·441	·495	·386	·109	·603	2nd & 8th	·272	11th	·331
July	·462	·516	·407	·109	·607	13th	·293	24th	·314
August	·495	·550	·439	·111	·679	20th	·328	11th	·351
September	·660	·727	·593	134	·825	19th	·478	14th	·347
October	·797	·861	·732	·129	1·023	25th	·563	7th	·460
November	·885	950	·820	·130	1·074	29th	·691	19th	·383
December	·937	1·006	·867	·139	1·091	19th	·783	30th	·308
Year	·705	·769	·640	·129	1·144	...	·272	...	·872

* Mean of 29 days.
† „ „ 28 „
‡ „ „ 30 „

(*a*) Readings evidently doubtful.

39. SILCHAR.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·959	1·020	·898	·122	1·136	5th	·795	28th	·341
February	·890	·960	·822	·138	1·058	3rd	·589	17th	·369
March	·803	·873	·740	·133	·963	13th	·484	24th	·479
April	·704	·767	·640	·127	·894	21st	·504	9th	·390
May	·655	·718	·590	·128	·842	1st	·431	18th & 19th	·411
June	·499	·551	·435	·116	·680	8th	·308	10th	·372
July	·514	·562	·446	·116	·661	21st	·318	25th	·343
August	·544	·595	·479	·116	·723	26th	·367	4th	·356
September	·685	·749	·609	·140	·854	19th	·460	14th	·394
October	Imperfect.								
November	·895	·953*	·839*	·114	1·031	26th	·706	20th	·325
December	·935	1·001	·868	·133	1·070	19th	·780	10th	·290
Year	?	?	?	?	1·136	...	·308	...	·828

40. DARJEELING.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	22+	22+	22+		22+		22+		
January	·958	·995†	·921‡	·074	1·145	8th	·779	29th	·366
February	·926	965	887‡	·078	1·123	26th	·705	17th	·408
March	·974	1·012	·935§	·077	1·122	6th	·763	24th	·359
April	·902	·938†	·865	·073	1·054	22nd	·735	8th	·319
May	·915	·956	·873†	·083	1·104	11th	·725	19th	·379
June	·841	·877	·805‖	·072	·933	1st	·739	11th	·194
July	·884	·914**	·854§	·060	1·000	13th	·787	1st	·213
August	·889	·921	·857†	·064	1·014	20th	·794	11th	·220
September	·992	1·032	·953§	·078	1·080	19th	·887	29th	·193
October	1·040	1·077	1·003¶	·074	1·203	25th	·887	7th	·316
November	1·045	1·084§	1·006†	·078	1·172	26th	·898	20th	·274
December	?	1·052†	Imperfect.	?	1·121	1st	?	...	?
Year	?	·985	?	?	1·203	...	·705	...	·498

* Mean of 20 days.

† Mean of 29 days.
‡ „ „ 27 „
§ „ „ 28 „

‖ Mean of 26 days.
¶ „ „ 22 „
** „ „ 30 „

41. PEDONG.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	25+	25+	25+		25+		24+		
January	·343	·389	·297	·092	·536	5th	1·144	28th	·392
February	·277	·327	·226	·101	·472	3rd	1·063	17th	·409
March	·269	·320	·218*	·102	·421	6th & 13th.	1·040	24th	·381
April	·178	·229†	·126	·103	·345	21st	·991	8th	·354
May	·177	·228*	·125	·103	·403	11th	·955	19th	·448
June	·061	·103	·019†	·084	·181	1st & 2nd	·937	11th	·244
July	·089	·128	·050	·078	·213	13th	·958	24th	·255
August	·115	·155*	·074	·081	·276	20th	·990	11th	·286
September	·256	·307†	·204	·103	·381	30th	1·132	29th	·249
October	·346	·391	·301†	·090	·522	25th	1·130	7th	·392
November	·364	·410†	·318†	·092	·486	13th & 27th.	1·185	20th	·301
December	·365	·418†	·312*	·106	·527	19th	1·202	30th	·325
Year	·237	·284	·189	·095	·536	...	·937	...	·599

42. PURNEAH.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·955	1·022	·902	·120	1·147	6th	·777	28th	·370
February	·847	·925	·789	·136	1·092	3rd	·647	17th	·445
March	·731	·805	·664	·141	·934	13th	·458	24th	·476
April	·583	·656	·512	·144	·806	22nd	·408	7th	·398
May	·554	·614	·486	·128	·814	11th	·290	19th	·524
June	·407	·455	·342	·113	·598	1st	·234	19th	·364
July	·425	·469	·366	·103	·553	13th	·269	24th	·284
August	·459	·504*	·399*	·105	·635	20th	·326	10th	·309
September	·639	·696	·569	·127	·795	19th	·474	1st	·321
October	·783	·848	·722	·126	1·007	25th	·579	7th	·428
November	·875	·945	·815	·130	1·060	26th	·693	19th	·367
December	·932	1·008	·872	·136	1·094	19th	·783	30th	·311
Year	·683	·746	·620	·126	1·147	...	·234	...	·913

* Mean of 30 days.
† " " 29 "

43. DURBHUNGA.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·914	·977	·860	·117	1·116	6th	·737	28th	·379
February	·805	·878	·746	·132	1·069	3rd	·603	17th	·466
March	·681	·752	·618	·134	·866	13th	·400	24th	·466
April	·528	·599	·458	·141	·728	21st	·368	8th	·360
May	·492	·553	·428	·125	·749	11th	·251	19th	·498
June	·344	·400	·285	·115	·515	2nd & 8th	·182	11th	·333
July	·369	·417	·312	·105	·515	31st	·241	24th	·274
August	·402	·455	·348	·107	·568	20th	·211	11th	·357
September	·585	·643	·524	·119	·738	19th	·431	2nd	·307
October	·743	·809	·685	·124	·967	25th	·542	6th	·425
November	·839	·911	·781	·130	1·085	30th	·659	20th	·426
December	·902	·977	·841	·136	1·053	19th	·753	30th	·300
Year	·634	·698	·574	·124	1·116	...	·182	...	·934

44. PATNA.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·913	·973	·861	·112	1·121	6th	·751	27th	·370
February	·801	·868	·745	·123	1·078	3rd	·618	17th	·460
March	·666	·735	·605	·130	·864	1st	·460	24th	·404
April	·512	·581	·445	·136	·701	1st	·385	7th	·316
May	·457	·519	·392	·127	·699	11th	·220	19th	·479
June	·317	·377	·255	·122	·544	4th	·151	11th	·393
July	·335	·383	·279	·104	·477	31st	·226	8th	·251
August	·377	·429	·325	·104	·519	20th	·189	11th	·330
September	·564	·622	·505	·117	·718	20th	·412	2nd	·306
October	·729	·789	·674	·115	·943	25th	·533	7th	·410
November	·821	·890	·764	·126	1·021	30th	·647	20th	·374
December	·897	·967	·838	·129	1·049	19th	·755	30th	·294
Year	·616	·678	·557	·121	1·121	...	·151	...	·970

45. GYA.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		28+		
January	·694	·756	·646	·110	·890	6th	1·551	27th & 28th.	·339
February	·593	·667	·549	·118	·825	3rd	1·420	17th	·405
March	·474	·540	·417	·123	·665	1st	1·280	24th	·385
April	·298	·374	·230	·144	·475	1st	1·112	29th	·363
May	·248	·304	·178	·126	·469	11th	1·011	20th	·458
June	·108	·169	·046	·123	·308	1st	·946	11th	·362
July	·140	·177	·085	·092	·247	31st	1·043	24th	·204
August	·174	·213	·124	·089	·299	21st	·998	11th	·301
September	·358	·411	·300	·111	·511	24th	1·193	17th	·318
October	·530	·586	·477*	·109	·742	25th	1·355	1st	·387
November	·609	·666*	·555†	·111	·780	30th	1·450	20th	·330
December	·689	·747	·636‡	·111	·834	19th	1·552	30th	·282
Year	·410	·467	·354	·113	·890	...	·946	...	·944

46. HAZARIBAGH.

Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
27+	27+	27+		27+		27+		
1·023	1·071	·983	·088	1·206	6th	·879	27th	·327
·966	1·015	·923	·092	1·151	3rd	·793	17th	·358
·875	·927	·829	·098	1·024	1st	·722	24th	·302
·737	·786	·688	·098	·875	1st	·572	29th	·303
·681	·726	·628	·098	·887	11th	·499	19th	·388
·568	·608	·517	·091	·734	1st	·421	11th	·313
·562	·593	·515	·078	·665	30th	·458	20th	·207
·582	·621	·538	·083	·698	21st	·424	11th	·274
·763	·811	·711	·100	·922	22nd	·598	17th	·324
·921	·961	·876	·085	1·092	25th	·764	6th	·328
·972	1·022	·930	·092	1·121	26th	·826	19th	·295
1·014	1·072	·973	·099	1·129	19th	·900	30th	·229
·805	·851	·759	·092	1·206	...	·421	...	·785

* Mean of 28 days. † Mean of 29 days. ‡ Mean of 30 days.

47. BERHAMPORE.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	1·012	1·080	·964	·116	1·193	6th	·842	28th	·351
February	·911	·988	·855	·133	1·141	3rd	·724	17th	·417
March	·778	·858	·718	·140	·978	1st	·537	24th	·441
April	·644	·721	·570	·151	·862	22nd	·474	7th	·388
May	·605	·667	·534	·133	·864	11th	·354	19th	·510
June	·457	·501	·400	·101	·634	1st	·308	15th	·326
July	·477	·518	·423	·095	·606	12th	·321	24th	·285
August	·499	·543	·442	·101	·673	20th	·261	24th	·412
September	·695	·753	·633	·120	·876	20th	·503	14th	·373
October	·839	·901	·787	·114	1·062	25th	·605	6th	·457
November	·930	·995	·879	·116	1·097	26th	·756	19th	·341
December	·989	1·060	·937	·123	1·122	18th	·847	30th	·275
Year	·736	·799	·678	·121	1·193	...	·261	...	·932

48. BURDWAN.

Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
29+	29+	29+		29+		29+		
·971	1·043	·921	·122	1·153	7th	·815	27th	·338
·880	·957	·825	·132	1·087	3rd	·708	15th	·379
·751	·830	·692	·138	·934	1st	·514	24th	·420
·602	·675	·531	·144	·804	22nd	·436	29th	·368
·566	·629*	·495*	·134	·807	11th	·322	20th	·485
·412	·462	·348	·114	·607	2nd	·244	21st	·363
·436	·477	·382	·095	·556	12th	·281	24th	·275
·454	·497	·398	·099	·603	20th	·233	24th	·370
·659	·713	·599	·114	·843	25th	·460	15th	·383
·807	·865	·757	·108	1·024	25th	·590	6th	·434
·893	·957†	·842†	·115	1·071	26th	·729	19th	·342
·955	1·031	·900	·131	1·092	18th	·821	30th	·271
·699	·761	·641	·120	1·153	...	·233	...	·920

* Mean of 28 days. † Mean of 29 days.

TABLE VII.—MONTHLY MEANS AND EXTREMES OF PRESSURE IN 1888.

49. JESSORE.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·036	·105	·988	·117	·216	6th	·879	27th	·337
February	·954	·026	·901	·125	·156	3rd	·781	17th	·375
March	·828	·908	·768	·140	·019	13th	·593	24th	·426
April	·703	·777	·631*	·146	·914	21st	·542	7th	·372
May	·663	·724	·594	·130	·910	11th	·493	19th	·507
June	Imperfect.								
July	·527	·572	·470	·102	·662	31st	·368	1st	·294
August	·551	·593	·497	·096	·697	26th	·333	23rd	·364
September	·742	·798	·683	·115	·920	20th	·555	15th	·365
October	·873	·934	·821	·113	·090	25th	·657	6th	·433
November	·948	·009†	·898‡	·111	·133	26th	·789	19th	·344
December	·016	·089	·963	·126	·142	18th	·886	30th	·256
Year	?	?	?	?	·216	...	?	...	?

* Mean of 29 days.
† " " 27 "

50. DACCA.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·044	·104	·989	·115	·206	6th	·849	28th	·357
February	·963	·029	·907	·122	·137	3rd	·785	17th	·352
March	·852	·922	·788	·134	·047	13th	·605	24th	·442
April	·723	·792	·660	·132	·921	22nd	·519	11th	·402
May	·687	·748	·624	·124	·910	11th	·418	19th	·492
June	·533	·576	·479	·097	·697	1st	·361	11th	·336
July	·555	·595	·497	·098	·685	31st	·397	25th	·288
August	·582	·621‡	·526†	·095	·726	26th	·414	11th	·312
September	·771	·824§	·705§	·119	·923	20th	·547	14th	·376
October	·880	·931	·828	·103	·085	25th	·666	6th	·419
November	·956	·010	·904	·106	·106	25th & 26th.	·787	19th	·319
December	·014	·075	·957	·118	·122	19th	·895	9th	·227
Year	·797	·852	·739	·113	·206	...	·361		·845

‡ Mean of 25 days.
§ " " 24 "

51. CHITTAGONG.

Month.	Mean.	10 hours.	15 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·969	·021	·919	·102	·117	5th	·794	28th	·323
February	·918	·969	·860	·109	·075	3rd	·759	17th	·316
March	·831	·888*	·783	·105	·966	18th	·675	24th	·291
April	·737	·791	·692	·099	·944	21st	·609	8th	·335
May	·684	·732	·635	·097	·849	11th	·415	19th	·434
June	·537	·573	·491	·082	·660	1st	·342	11th	·318
July	·553	·587	·506	·081	·681	31st	·411	25th	·270
August	·580	·619	·530	·089	·736	25th	·442	4th	·294
September	·711	·765	·646	·119	·893	20th	·506	14th	·387
October	·821	·874	·765	·109	·015	25th	·587	1st	·428
November	·889	·941	·840	·101	·046	26th	·728	19th	·318
December	·948	·008	·889	·119	·082	3rd	·819	9th	·263
Year	·764	·814	·713	·101	·117	...	·342	...	·775

* Mean of 30 days.

52. CALCUTTA (ALIPORE).

Month.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Range	Highest reading.	Date and hour.	Lowest reading.	Date and hour.	Absolute range.
	29+	29+	29+	29+	29+		29+		29+		
January	·046	·045	·119	·005	·058	·114	·220	6th, 10h.	·884	27th, 16h.	·336
February	·965	·964	·036	·918	·976	·118	·171	3rd ,,	·804	15th, ,,	·367
March	·847	·850	·915	·788	·865	·127	·012	1st ,,	·635	24th, ,,	·377
April	·706	·709	·768	·646	·728	·122	·920	21st, 22h.	·545	29th, ,,	·375
May	·659	·666	·719	·603	·686	·116	·896	11th, 10h.	·426	19th, ,,	·470
June	·507	·515	·548	·454	·531	·094	·652	1st, ,,	·345	11th, ,,	·307
July	·525	·525	·565	·478	·560	·087	·657	30th, 22h.	·351	19th, ,,	·306
August	·543	·537	·584	·495	·578	·089	·700	26th, 10h.	·293	24th, 6h.	·407
September	·739	·741	·796	·682	·767	·114	·935	20th, ,,	·542	15th, 16h.	·393
October	·879	·885	·941	·831	·899	·110	·090	25th, ,,	·638	6th, ,,	·452
November	·959	·971	·034	·921	·987	·113	·150	26th, ,,	·810	19th, ,,	·340
December	·036	·036	·107	·982	·053	·125	·168	18th, ,,	·908	30th, ,,	·260
Year	·785	·787	·844	·734	·807	·110	·220	...	·293	...	·927

53. SAUGOR ISLAND.

Month.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Range	Highest reading.	Date and hour.	Lowest reading.	Date and hour.	Absolute range.
	29+	29+	29+	29+	29+		29+		29+		
January	1·057	1·023	1·125	1·004	1·077	·121	1·264	7th, 10h	·894	27th, 4h.	·370
February	·979	·958	1·043	·917	·999	·126	1·178	3rd, ,,	·740	16th, 16h.	·438
March	·864	·835	·931	·808	·880	·123	1·045	13th, ,,	·642	24th, ,,	·403
April	·722	·698	·785	·663	·743	·122	·925	21st, 22h	·512	29th, ,,	·413
May	·676	·646	·723	·624	·712	·099	·916	11th, 10h.	·435	19th, ,,	·481
June	·516	·503	·557	·462	·542	·095	·665	1st, ,,	·369	15th, ,,	·296
July	·536	·516	·574	·488	·567	·086	·669	31st, ,,	·382	19th, ,,	·287
August	·551	·534	·591	·497	·581	·094	·699	1st, ,,	·357	23rd, ,,	·342
September	·738	·715	·789	·677	·770	·112	·929	20th, ,,	·510	15th, ,,	·419
October	·880	·858	·937	·823	·901	·114	1·077	25th, ,,	·613	6th, ,,	·464
November	·971	·946	1·028	·917	·994	·111	1·138	26th, ,,	·809	19th, ,,	·329
December	1·045	1·027	1·107	·986	1·060	·121	1·186	18th, ,,	·907	30th, ,,	·279
Year	·795	·772	·849	·739	·819	·110	1·264	...	·357	...	·907

54. CUTTACK.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·993	1·055	·932	·123	1·153	6th	·804	27th	·349
February	·910	·976	·841	·135	1·118	3rd	·715	15th	·403
March	·803	·873	·722	·151	·993	13th	·598	25th	·395
April	·652	·719	·573	·146	·863	22nd	·427	29th	·436
May	·600	·657	·523	·134	·816	11th	·348	18th	·468
June	·470	·517	·402	·115	·586	8th	·291	11th	·295
July	·488	·525	·435	·090	·628	31st	·342	13th	·286
August	·525	·563	·471	·092	·679	26th	·332	6th	·347
September	·678	·728	·616*	·111	·871	22nd	·414	16th	·457
October	·836	·890	·781	·109	1·023.	25th	·623	6th	·400
November	·914	·970	·857	·113	1·080	25th	·766	10th	·314
December	·989	1·055	·924	·131	1·131	19th	·848	30th	·283
Year	·738	·794	·673	·121	1·153	...	·291	...	·862

* Mean of 29 days.

55. FALSE POINT.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	1·061	1·111	1·014	·097	1·216	6th	·893	27th	·323
February	·981	1·037	·926	·111	1·183	3rd	·792	15th	·391
March	·880	·941	·821	·120	1·034	14th	·710	24th	·324
April	·742	·804	·681	·123	·946	22nd	·561	29th	·385
May	·685	·737	·628	·109	·902	11th	·437	18th	·465
June	·541	·584	·485	·099	·673	24th	·377	11th	·296
July	·554	·589	·509	·080	·682	31st	·423	13th	·259
August	·584	·624	·534	·090	·727	25th	·426	11th	·301
September	·742	·793	·686	·107	·937	20th	·502	15th	·435
October	·893	·944	·844	·100	1·075	25th	·660	6th	·415
November	·969	1·020	·919	·101	1·125	25th	·827	19th	·298
December	1·050	1·106	·993	·113	1·178	19th	·923	30th	·255
Year	·807	·858	·753	·105	1·216	...	·377	...	·839

56. SAMBALPUR.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	28+		29+		28+		
January	·591	·655	1·527	·128	·760	8th	1·378	26th	·382
February	·516	·588	1·444	·144	·723	3rd	1·339	15th	·384
March	·408	·473	1·342	·131	·587	1st	1·174	25th	·413.
April	·235	·304	1·166	·138	·451	22nd	1·025	29th	·426
May	·162	·232	1·092	·140	·364	12th	·945	20th	·419
June	·067	·135	·998	·137	·227	8th	·924	19th	·303
July	·081	·130	1·031	·099	·233	31st	·951	14th	·282
August	·123	·170	1·075	·095	·262	25th	·959	14th	·303
September	·281	·338	1·223	·115	·499	21st	·913	16th	·586
October	·435	·499	1·370	·129	·609	26th	1·238	3rd	·371
November	·508	·571	1·444	·127	·676	25th	1·362	19th	·318
December	586	·653*	1·519	·134	·716	18th	1·446	29th	·270
Year	·333	·396	1·269	·127	·760	...	·913	...	·847

* Mean of 30 days.

TABLE VII.—MONTHLY MEANS AND EXTREMES OF PRESSURE IN 1888.

57. RAIPUR.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January	1·058	1·118	·997	·121	1·255	7th	·836	26th	·419
February	·991	1·059	·922	·137	1·177	3rd	·822	17th	·355
March	·902	·975	·828	·147	1·065	1st	·692	24th	·373
April	·752	·827	·676	·151	·939	22nd	·571	29th	·368
May	·684	·753	·615	·138	·874	11th	·487	31st	·387
June	·591	·657	·525	·132	·710	9th & 27th	·440	11th	·270
July	Imperfect.								
August	Ditto.								
September	·776	·836	·715	·121	·995	22nd	·444	16th	·551
October	·939	·999	·879	·120	1·088	25th	·777	1st	·311
November	·995	1·060	·929	·131	1·153	25th	·845	11th	·308
December	1·072	1·137	1·006	·131	1·204	19th	·935	30th	·269
Year	?	?	?	?	1·255	...	?	...	?

58. NAGPUR.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January	1·005	1·066	·943	·123	1·216	6th	·806	26th	·410
February	·943	1·013	·872	·141	1·120	3rd	·777	17th	·343
March	·855	·930	·780	·150	1·033	7th	·650	24th	·383
April	·724	·799	·649	·150	·905	22nd	·544	29th & 30th.	·361
May	·652	·724	·580	·144	·817	11th	·474	31st	·343
June	·574	·636	·512	·124	·734	14th	·440	11th	·294
July	·574	·625	·522	·103	·674	20th	·428	14th	·246
August	·610	·663	·556	·107	·752	26th	·471	6th & 18th.	·251
September	·727	·788	·666	·122	·961	22nd	·345	17th	·616
October	·884	·943	·825	·118	1·034	26th	·722	2nd	·312
November	·933	·996	·869	·127	1·090	30th	·778	10th	·312
December	1·015	1·083	·946	·137	1·163	19th	·883	30th	·280
Year	·792	·856	·727	·129	1·216	...	·345	...	·871

59. SEONI.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	27+	27+	27+		27+		27+		
January	·980	1·032	·927	·105	1·168	6th	·790	26th	·378
February	·935	·992	·878	·114	1·106	3rd	·790	17th	·316
March	·870	·929	·811	·118	1·043	7th	·703	31st	·340
April	·752	·810	·693	·117	·899	22nd	·587	30th	·312
May	·687	·742*	·631*	·111	·852	11th	·520	26th	·332
June	·591	·639	·543	·096	·706	14th	·474	11th	·232
July	·569	·611	·526	·085	·662	31st	·441	14th	·221
August	·606	·649	·562	·087	·736	26th	·477	18th	·259
September	·745	·802	·688	·114	·954	22nd	·458	17th	·496
October	·902	·951	·853	·098	1·025	25th	·767	2nd	·258
November	·938	·991	·884	·107	1·069	29th	·807	7th	·262
December	1·002	1·057	·946	·111	1·130	18th	·875	30th	·255
Year	·798	·850	·745	·105	1·168	...	·441	...	·727

60. JUBBULPORE.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January	·698	·748	·647	·101	·884	6th	·502	26th	·382
February	·644	·699	·589	·110	·806	6th	·489	17th	·317
March	·556	·622	·490	·132	·730	7th	·356	24th	·374
April	·414	·479	·349	·130	·552	22nd	·221	30th	·331
May	·335	·398	·271	·127	·519	11th	·137	31st	·382
June	·236	·292	·179	·113	·358	14th	·091	11th	·267
July	·222	·270	·173	·097	·328	31st	·109	14th	·219
August	·270	·317	·223	·094	·418	26th	·118	18th	·300
September	·431	·482	·379	·103	·638	22nd	·153	18th	·485
October	·591	·644	·538	·106	·728	25th & 26th.	·448	1st	·280
November	·653	·708†	·598†	·110	·795	30th	·508	11th	·287
December	·719	·777	·661	·116	·856	18th	·594	30th	·262
Year	·481	·536	·425	·111	·884	...	·091	...	·793

* Mean of 30 days.

† Mean of 27 days.

61. SAUGOR.†

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	27+	27+	27+		27+		27+		
January	1·276	1·325	1·227	·098	1·443	6th	1·064	26th	·379
February	1·213	1·267	1·159	·108	1·384	6th	1·041	17th	·343
March	1·133	1·190	1·076	·114	1·277	1st	·962	31st	·315
April	1·014	1·069	·958	·111	1·125	3rd	·842	29th	·283
May	·937	·991	·882	·109	1·109	8th	·756	19th	·353
June	·831	·884	·777	·107	·960	14th	·708	11th	·252
July	·803	·843	·762	·081	·879	30th	·705	14th	·174
August	·845	·885	·804	·081	·965	26th	·670	18th	·295
September	1·011*	1·061*	·961*	·100	1·198	22nd	·677	18th	·521
October	1·162	1·212	1·111	·101	1·311	25th	1·022	1st	·289
November	1·217	1·269	1·164	·105	1·369	29th	1·072	11th	·297
December	1·285	1·337	1·233	·104	1·412	18th	1·169	30th	·243
Year	1·061	1·111	1·010	·101	1·443	...	·670	...	·773

62. PACHMARHI.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	26+	26+	26+		26+		26+		
January	·556	·604	·507	·097	·719	7th	·384	28th	·335
February	·547	·594	·499	·095	·692	3rd	·419	9th	·273
March	·516	·568	·463	·105	·624	14th	·377	24th	·247
April	·446	·501‡	·391‡	·110	·538	21st & 22nd.	·336	10th	·202
May	Not recorded.								
June	Ditto.								
July	Ditto.								
August	Imperfect.								
September	·447	·493	·400	·093	·653	22nd	·040	18th	·613
October	·554	·597	·510	·087	·654	26th	·431	28th	·223
November	·551	·594	·508	·086	·664	29th	·413	5th	·251
December	·608	·651	·565	·086	·723	18th	·514	30th	·209
Year	?	?	?	?	·723	...	?	...	?

* Mean of 29 days.
† The readings from 1st January to 29th February have been corrected to the present elevation of 1761·8 feet.
‡ Mean of 22 days.

63. HOSHANGABAD.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January	1·027	1·082	·971	·111	1·237	6th	·842	22nd	·395
February	·971	1·034	·908	·126	1·153	6th	·806	17th	·347
March	·882	·950	·814	·136	1·027	14th	·690	31st	·337
April	·759	·829	·689	·140	·896	2nd	·570	29th	·326
May	·677	·741	·613	·128	·842	8th	·514	29th	·328
June	·585	·646	·523	·123	·736	14th	·457	11th	·279
July	·576	·620	·531	·089	·662	20th & 26th.	·452	14th	·210
August	·624	·666	·582	·084	·750	26th	·481	19th	·269
September	·765	·818	·712	·106	·993	22nd	·449	17th	·544
October	·919	·976	·861	·115	1·058	26th	·763	1st	·295
November	·975	1·033	·917	·116	1·141	30th	·805	11th	·336
December	1·055	1·114	·995	·119	1·198	18th	·939	29th	·259
Year	·818	·876	·760	·116	1·237	...	·449	...	·788

64. KHANDWA.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January	·948	1·008	·888	·120	1·125	7th	·777	27th	·348
February	·906	·980	·831	·149	1·110	6th	·732	20th	·378
March	·835	·913	·756	·157	·999	14th	·660	25th	·339
April	·739	·809	·668	·141	·883	2nd	·560	30th	·323
May	·649	·718	·579	·139	·816	2nd	·459	26th	·357
June	·562	·627	·497	·130	·709	14th	·411	26th	·298
July	·568	·609	·527	·082	·656	3rd	·444	14th	·212
August	·609	·653	·565	·088	·754	26th	·463	19th	·291
September	·744	·803	·684	·119	·953	22nd	·457	17th	·496
October	·877	·935	·818	·117	·999	10th & 11th.	·730	1st & 2nd.	·269
November	·915	·976	·853	·123	1·082	29th	·754	5th	·328
December	·992	1·055	·929	·126	1·161	19th	·862	6th	·299
Year	·779	·841	·716	·125	1·161	...	·411	...	·750

65. CHANDA.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	29+	28+		29+		2 +		
January .	1·406	·462	1·350	·112	·597	7th	1·226	26th	·371
February .	1·335	·401	1·268	·133	·530	3rd	1·171	15th	·359
March .	1·254	·326	1·182	·144	·425	7th	1·039	24th	·386
April .	1·213	·189	1·037	·152	·295	22nd	·930	30th	·365
May .	1·047	·121	·973	·148	·214	13th	·866	26th	·348
June .	·980	·040	·920	·120	·108	14th	·872	11th	·236
July .	·996	·047	·915	·102	·116	20th	·855	14th	·261
August .	1·035	·087	·983	·104	·178	26th	·901	6th	·277
September .	1·140	·201	1·079*	·122	·370	22nd	·883	17th	·487
October .	1·292	·349	1·234	·115	·426	26th	1·124	1st	·302
November .	1·339	·401	1·276	·125	·500	29th	1·174	10th	·326
December .	1·423	·490	1·356	·134	·577	19th	1·281	30th	·296
Year .	1·197	·260	1·134	·126	·597	...	·855	...	·742

* Mean of 29 days.

66. SIRONCHA.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January .	·648	·717	·579	·138	·828	6th	·468	27th	·360
February .	·582	·662	·501	·161	·774	3rd	·403	15th & 16th.	·371
March .	·492	·579	·405	·174	·686	14th	·286	25th	·400
April .	·357	·453	·261	·192	·587	22nd	·157	29th	·430
May .	·288	·370	·205	·165	·462	11th	·067	31st	·395
June .	·213	·293	·133	·160	·393	14th	·055	10th	·338
July .	·243	·298	·188	·110	·370	30th	·094	13th	·276
August .	·286	·343	·228	·115	·429	25th	·159	11th	·270
September .	·380	·445	·314	·131	·616	22nd	·087	17th	·529
October .	·518	·587	·448	·139	·660	11th	·342	2nd	·318
November .	·565	·635	·494	·141	·732	26th	·397	9th	·335
December .	·653	·721	·584	·137	·809	19th	·515	7th	·294
Year .	·435	·509	·362	·147	·828	...	·055	...	·773

67. CHIKALDA.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	26+	26+	26+		26+		25+		
January .	·425	·466	·384	·082	·596	6th	1·280	27th	·316
February .	·403	·451	·355	·096	·552	3rd	1·263	11th	·289
March .	·372	·425	·318	·107	·486	14th & 20th.	1·239	31st	·247
April .	·290	·341	·238	·103	·407	22nd	1·155	30th	·252
May .	·221	·268	·173	·095	·349	11th	1·093	26th	·256
June .	·129	·174	·083	·091	·240	14th	1·012	7th	·228
July .	·096	·133	·059	·074	·176	26th	·992	9th & 14th	·184
August .	·130	·166	·093	·073	·253	26th	1·007	19th	·246
September .	·262	·307	·216	·091	·465	22nd	·942	17th	·523
October .	·395	·442	·347	·095	·513	26th	1·268	2nd	·245
November .	·407	·453	·360	·093	·519	27th	1·289	11th	·230
December .	·455	·506	·404	·102	·586	19th	1·346	30th	·240
Year .	·299	·344	·253	·091	·596	...	·942	...	·654

68. BULDANA.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	27+	27+	27+		27+		27+		
January .	·863	·913	·812	·101	1·033	6th	·723	26th & 27th.	·310
February .	·823	·883	·763	·120	·977	3rd	·668	20th	·309
March .	·781	·844	·718	·126	·926	14th	·632	31st	·294
April .	·681	·743	·618	·125	·818	22nd	·549	30th	·269
May .	·616	·676	·556	·120	·758	2nd	·470	26th	·288
June .	·531	·589	·472	·117	·658	14th	·401	11th	·257
July .	·532	·576	·488	·088	·615	26th	·398	8th	·217
August .	·566	·610	·521	·089	·691	26th	·438	19th	·253
September .	·694	·749	·638	·111	·896	22nd	·490	18th	·406
October .	·806	·858	·753	·105	·920	11th	·658	2nd	·262
November .	·827	·881	·773	·108	·952	30th	·689	4th	·263
December .	·898	·955	·841	·114	1·047	19th	·779	30th	·268
Year .	·718	·773	·663	·110	1·047	...	·398	...	·649

69. AKOLA.

Month.	Mean.	15 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January	1·097	1·159	1·034	·125	1·293	7th	·923	22nd	·370
February	1·037	1·108	·966	·142	1·210	3rd	·893	17th	·317
March	·961	1·033	·888	·145	1·112	14th	·774	31st	·338
April	·839	·915	·762	·153	·984	19th	·700	30th	·284
May	·764	·837	·690	·147	·919	2nd	·588	26th	·331
June	·681	·754	·608	·146	·815	14th	·530	11th	·285
July	·697	·754	·640	·114	·816	3rd & 26th.	·559	14th	·257
August	·735	·791	·679	·112	·880	26th	·591	19th	·289
September	·849	·909	·788	·121	1·077	22nd	·589	17th	·488
October	·984	1·046	·922	·124	1·129	11th	·819	2nd	·310
November	1·025	1·092	·957	·135	1·198	30th	·856	10th	·342
December	1·107	1·177	1·036	·141	1·271	19th	·983	29th & 30th.	·288
Year	·898	·965	·831	·134	1·293	...	·530	...	·763

70. AMRAOTI.‡

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January	·801	·855	·747	·108	·991	8th	·644	26th	·347
February	·743	·809	·677	·132	·907	3rd	·583	15th	·324
March	·668	·739	·597	·142	·820	1st	·476	24th	·344
April	·542	·616	·467	·149	·695	22nd	·376	29th	·319
May	·469	·538	·400	·138	·618	9th	·290	26th	·328
June	·398	·457*	·339*	·118	·557	14th	·274	16th	·283
July	·412	·462†	·362†	·100	·511	26th	·291	14th & 15th.	·220
August	·441	·493	·388	·105	·589	26th	·312	19th	·277
September	·559	·621	·496	·125	·780	22nd	·244	17th	·536
October	·700	·759	·640	·119	·837	26th	·549	3rd	·288
November	·741	·803	·678	·125	·883	30th	·574	10th	·309
December	·818	·886	·749	·137	·979	19th	·682	30th	·297
Year	·608	·670	·545	·125	·991	...	·244	...	·747

* Mean of 22 days.
† ,, ,, 21 ,,
‡ The readings from 1st January to 31st May have been corrected to the present elevation of 1215·48 feet.

71. NEEMUCH.†

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	27+	27+	27+		28+		27+		
January	1·389	1·440	1·337	·103	·604	6th	1·236	17th	·368
February	1·352	1·402	1·301	·101	·537	6th	1·211	13th	·326
March	1·266	1·319	1·212	·107	·411	3rd	1·098	31st	·313
April	1·153	1·203	1·102	·101	·286	2nd	·964	30th	·322
May	1·066	1·121	1·010	·111	·247	8th	·896	26th	·351
June	·968	1·019	·917	·102	·095	3rd	·819	11th	·276
July	·943	·979*	·906*	·073	·021	26th	·812	8th	·209
August	·997	1·024	·970	·054	·131	29th	·859	19th	·272
September	1·193	1·232	1·154	·078	·367	22nd	·971	18th	·396
October	1·333	1·376	1·289	·087	·464	25th	1·183	3rd	·281
November	1·383	1·435	1·330	·105	·558	29th	1·215	11th	·343
December	1·453	1·511	1·394	·117	·596	18th	1·273	29th	·323
Year	1·208	1·255	1·160	·095	·604	..	·812	...	·792

72. NOWGONG.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January	1·318	1·371	1·264	·107	1·529	6th	1·081	22nd	·448
February	1·258	1·314	1·202	·112	1·432	6th	1·080	17th	·352
March	1·127	1·184	1·069	·115	1·298	1st	·929	31st	·369
April	·977	1·036	·918	·118	1·127	3rd	·759	30th	·368
May	·889	·944	·833	·111	1·102	8th	·693	26th	·409
June	·779	·832	·726	·106	·903	2nd	·623	11th	·280
July	·769	·812	·726	·086	·868	31st	·661	7th	·207
August	·829	·869	·788	·081	·965	26th	·661	18th	·304
September	·991	1·034	·948	·086	1·176	22nd	·717	18th	·459
October	1·169	1·220	1·117	·103	1·324	30th	1·028	7th	·296
November	1·247	1·301	1·193	·108	1·428	29th	1·079	11th	·349
December	1·330	1·388	1·271	·117	1·460	18th	1·195	30th	·265
Year	1·057	1·109	1·005	·104	1·529	...	·623	...	·906

* Mean of 22 days.
† The readings from 1st January to 26th August have been corrected to the present elevation of 1630 feet.

TABLE VII.—MONTHLY MEANS AND EXTREMES OF PRESSURE IN 1888.

73. SUTNA.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January	1·026	1·080	·971	·109	1·226	6th	·826	26th	·400
February	·956	1·012	·899	·113	1·131	3rd & 25th.	·757	17th	·374
March	·834	·900	·768	·132	1·017	1st	·653	31st	·364
April	·686	·746	·626	·120	·821	13th	·461	30th	·360
May	·592	·649	·534	·115	·816	8th	·395	31st	·421
June	·484	·540	·427	·113	·615	1st	·321	11th	·294
July	·475	·519	·431	·088	·619	31st	·357	8th	·262
August	·538	·580	·495	·085	·687	26th	·396	11th	·291
September	·720	·766	·693	·093	·902	25th	·472	17th	·430
October	·894	·946	·841	·105	1·055	25th	·726	6th	·329
November	·972	1·027	·917	·110	1·150	29th & 30th.	·822	20th	·328
December	1·052	1·108	·995	·113	1·180	18th	·915	29th	·265
Year	·769	·823	·715	·108	1·226	...	·321	...	·905

74. INDORE.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	27+	27+	27+		27+		27+		
January	1·166	1·219	1·112	·107	1·375	6th	1·019	16th	·356
February	1·126	1·186	1·065	·121	1·302	6th	·980	11th	·322
March	1·055	1·119	·990	·129	1·205	14th	·873	25th	·332
April	·951	1·016	·886	·130	1·083	2nd	·769	30th	·314
May	·875	·931	·818	·113	1·020	8th	·679	26th	·341
June	·779	·837	·720	·117	·923	14th	·630	11th	·293
July	·772	·816	·727	·089	·873	26th	·649	14th	·224
August	·827	·869	·784	·085	·949	26th	·638	19th	·311
September	·979	1·032	·926	·106	1·180	22nd	·705	18th	·475
October	1·108	1·158	1·057	·101	1·222	25th & 26th.	·965	28th	·257
November	1·145	1·203	1·086	·117	1·316	29th	·987	11th	·329
December	1·213	1·273	1·152	·121	1·359	18th	1·096	30th	·263
Year	1·000	1·055	·944	·111	1·375	...	·630	...	·745

75. BICKANEER.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January	1·299	1·347*	1·251*	·096	1·515	6th	1·105	22nd	·410
February	1·242	1·284†	1·199†	·085	1·462	22nd	1·083	11th & 16th.	·379
March	1·085	1·135	1·035	·100	1·275	27th	·818	25th	·457
April	·943	·997	·888	·109	1·131	3rd	·668	30th	·463
May	·839	·893	·784	·109	1·061	7th	·630	31st	·431
June	·709	·767	·651	·116	·886	4th	·567	11th	·319
July	·672	·724	·619	·105	·814	31st	·504	9th	·310
August	·735	·777	·693	·084	·847	28th	·589	11th	·258
September	·946	·989	·902	·087	1·087	24th	·782	1st	·305
October	1·104	1·139	1·069	·070	1·288	25th	·955	13th	·333
November	1·192	1·232	1·152	·080	1·422	27th	1·030	20th	·392
December	1·273	1·317	1·228	·089	1·413	19th	1·117	29th	·296
Year	1·003	1·050	·956	·094	1·515	...	·504	...	1·011

76. JEYPORE.

Month.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date and hour.	Absolute range.
	28+	28+	28+	28+	28+		28+		27+		
January	·617	·589	·672	·579	·629	·093	·830	6th	1·345	22nd, 16h.	·485
February	·567	·542	·623	·529	·573	·094	·746	6th	1·411	17th, 4h	·335
March	·453	·427	·517	·405	·463	·112	·616	1st	1·257	25th, 16h.	·359
April	·327	·305	·390	·280	·331	·110	·481	2nd	1·084	30th, „	·397
May	·237	·220	·292	·192	·242	·100	·455	8th	1·047	31st, „	·408
June	·130	·123	·189	·074	·134	·115	·263	2nd & 8th.	1·006	11th, „	·257
July	·111	·097	·156	·065	·126	·091	·216	31st	·971	8th, „	·245
August	·164	·144	·207	·124	·179	·083	·291	29th	1·035	11th, „	·256
September	·347	·324	·400	·305	·358	·095	·518	26th	1·119	19th, „	·399
October	·506	·481	·559	·466	·517	·093	·675	25th	1·363	3rd, „	·312
November	·569	·543	·626	·529*	·576	·097	·744	29th	1·425	20th, 4h.	·319
December	·639	·612	·701	·596	·646	·105	·783	19th	1·503	29th, 16h.	·280
Year	·389	·367	·444	·345	·398	·099	·830	...	·971	...	·859

* Mean of 29 days.
† „ „ 27 „

77. SAMBHAR.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January	·781	·833	·739	·094	·990	6th	·493	22nd	·497
February	·731	·784	·681	·103	·906	6th	·562	16th	·344
March	·613	·669	·567	·102	·778	27th	·407	25th	·371
April	·491	·547	·447	·100	·645	2nd	·249	30th	·396
May	·399	·448	·358	·090	·606	8th	·220	26th	·386
June	·302	·348	·245	·103	·427	5th	·179	11th	·248
July	·268	·314	·230	·084	·375	31st	·123	8th	·252
August	·324	·363	·288	·075	·449	29th	·212	11th	·237
September	·515	·562	·475	·087	·686	25th	·287	19th	·399
October	·674	·725	·627	·098	·852	25th	·529	3rd	·323
November	·743	·793	·690	·103	·922	27th	·587	11th	·335
December	·814	·870	·761	·109	·951	1st & 19th.	·670	29th	·281
Year	·555	·605	·509	·096	·990	...	·123	...	·867

78. AJMERE.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	27+	27+	27+		28+		27+		
January	1·432	1·483	1·391	·092	·641	6th	1·166	22nd	·475
February	1·383	1·432	1·338	·094	·557	6th	1·219	16th	·338
March	1·277	1·334	1·230	·104	·434	2nd	1·029	25th	·405
April	1·162	1·221	1·115	·106	·372	6th	·933	30th	·439
May	1·074	1·126	1·029	·097	·270	11th	·892	26th	·378
June	·979	1·026	·921	·105	·122	2nd	·851	11th	·271
July	·947	·993	·908	·085	·057	31st	·809	8th	·248
August	·998	1·035	·962	·073	·116	29th	·897	11th	·219
September	1·187	1·234	1·148	·086	·350	26th	·978	19th	·372
October	1·337	1·387	1·291	·096	·507	25th	1·187	4st	·320
November	1·400	1·449	1·349	·100	·578	27th	1·239	11th	·339
December	1·465	1·520	1·414	·106	·604	19th	1·319	29th	·285
Year	1·220	1·270	1·175	·095	·641	...	·809	...	·832

79. MOUNT ABU.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	25+	25+	25+		25+		25+		
January	1·138	1·173	1·104	·068	1·326	6th	·936	22nd	·390
February	1·112	1·148	1·076	·072	1·235	6th	·976	11th	·259
March	1·094	1·135	1·053	·082	1·199	21st	·931	25th	·268
April	1·022	1·061	·983	·078	1·127	2nd	·840	30th	·287
May	·950	·987	·913	·074	1·106	11th	·809	19th	·297
June	·854	·888	·820	·068	·962	14th	·752	30th	·210
July	·804	·833	·774	·059	·895	3rd	·714	25th	·181
August	·833	·860	·805	·055	·932	28th	·693	20th	·239
September	1·020	1·055	·984	·071	1·180	22nd	·836	18th	·344
October	1·135	1·172	1·097	·075	1·252	25th	1·015	2nd	·237
November	1·139	1·177	1·101	·076	1·258	13th	·995	10th	·263
December	1·188	1·226	1·149	·077	1·307	19th	1·084	28th	·223
Year	1·024	1·060	·988	·072	1·326	...	·693	...	·633

80. PACHPADRA.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	Untrustworthy.								
February	Ditto.								
March	Ditto.								
April	Ditto.								
May	Imperfect.								
June	·163	·221	·105	·116	·304	2nd	·019	11th	·285
July	·144	·193	·094	·099	·320	12th	·004	9th	·316
August	·198	·239	·157	·082	·315	28th	·063	20th	·252
September	·413	·469	·356	·113	·644	24th	·206	18th	·438
October	·549	·607	·491	·116	·731	25th	·357	13th	·374
November	·627	·681	·572	·109	·861	28th	·424	10th	·437
December	·703	·760	·645	·115	·833	19th	·560	29th	·273
Year	?	?	?	?	?	...	·004	...	?

TABLE VII.—MONTHLY MEANS AND EXTREMES OF PRESSURE IN 1888.

81. JACOBABAD.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		28+		
January .	·907	·964	·849	·115	1·141	6th	1·662	20th	·479
February .	·854	·909	·798	·111	1·062	1st	1·660	16th	·402
March .	·686	·746	·626	·120	·937	27th	1·447	25th	·490
April .	·523	·586	·459	·127	·768	3rd	1·256	30th	·512
May .	·396	·454	·338	·116	·644	6th	1·169	26th	·475
June .	·250	·315	·185	·130	·448	3rd	1·041	30th	·407
July .	·216	·276	·155	·121	·401	31st	·991	9th	·410
August .	·307	·367	·247	·120	·503	24th	1·140	11th	·363
September .	·530	·589	·470	·119	·717	25th	1·340	1st	·377
October .	·726	·787*	·664*	·123	·974	25th	1·486	1st	·488
November .	·825	·884	·765	·119	1·119	27th	1·621	10th	·498
December .	·928	·992	·864	·128	1·094	23rd	1·759	21st	·335
Year . .	·596	·656	·535	·121	1·141	...	·991	...	1·150

* Mean of 30 days.

82. HYDERABAD.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January .	·978	1·021	·935	·086	1·173	6th	·793	21st	·380
February .	·915	·960	·869	·091	1·101	4th	·738	16th	·363
March .	·773	·813	·733	·080	·915	28th	·543	12th	·372
April .	·658	·691	·624	·067	·837	8th	·439	29th	·398
May .	Untrustworthy.								
June .	Ditto.								
July .	*Ditto.*								
August .	Ditto.								
September .	Ditto.								
October .	Ditto.								
November .	·914	·963†	·865†	·098	1·124	28th	·699	20th	·425
December .	·983	1·031	·934	·097	1·139	23rd	·848	7th	·291
Year . .	?	?	?	?	1·173	...	?	...	?

† Mean of 21 days.

83. KURRACHEE.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January .	1·026	1·087	·984	·103	1·275	6th	·841	21st	·434
February .	·983	1·037	·940	·097	1·177	6th	·839	12th	·338
March .	·877	·930	·833	·097	1·031	7th	·677	31st	·354
April .	·765	·810	·718	·092	·903	2nd	·541	30th	·362
May . .	·645	·694	·606	·088	·835	3rd	·476	18th	·359
June . .	·506	·543	·467	·076	·632	3rd	·374	7th	·258
July . .	·476	·510	·439	·071	·584	31st	·386	25th	·198
August .	·541	·571	·502	·069	·676	28th	·425	7th	·251
September .	·755	·791	·712	·079	·938	22nd	·595	1st	·343
October .	·881	·925	·830	·095	1·061	25th	·710	1st	·351
November .	·953	1·008	·901	·107	1·211	28th	·761	9th	·450
December .	1·055	1·118	·999	·119	1·203	23rd	·923	29th	·280
Year . .	·789	·835	·744	·091	1·275	...	·374	...	·901

84. BHUJ.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January .	·652	·703	·601	·102	·865	6th	·479	22nd	·386
February .	·615	·669	·561	·108	·803	6th	·433	24th	·370
March .	·526	·585	·467	·118	·671	14th	·345	31st	·326
April .	·423	·476	·370	·106	·554	2nd	·248	30th	·306
May . .	·321	·370	·271	·099	·481	3rd	·158	19th	·323
June . .	·198	·239	·156	·083	·325	3rd	·086	7th	·239
July . .	·175	·208	·141	·067	·282	31st	·058	16th	·224
August .	·226	·261	·190	·071	·372	29th	·070	21st	·302
September .	·428	·477	·379	·098	·631	22nd	·225	18th	·406
October .	·529	·582	·475	·107	·674	26th	·387	1st	·287
November .	·585	·641	·529	·112	·802	28th	·369	9th	·433
December .	·677	·736	·617	·119	·802	19th	·562	29th	·240
Year . .	·446	·496	·396	·100	·865	...	·058	...	·807

85. RAJKOT.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·592	·649	·534	·115	·786	6th	·432	22nd	·354
February	·570	·628	·511	·117	·757	6th	·419	12th	·338
March	·492	·555	·429	·126	·655	14th	·320	31st	·335
April	·398	·458	·338	·120	·541	2nd	·244	30th	·297
May	·308	·363	·252	·111	·455	3rd	·157	31st	·298
June	·192	·249	·135	·114	·331	3rd	·045	30th	·286
July	·159	·215	·103	·112	·273	23rd	·021	15th	·252
August	·201	·267	·134*	·133	·392	29th	·081	11th	·311
September	·385	·434	·335	·099	·564	22nd	·151	18th	·413
October	·490	·549	·431	·118	·625	10th & 11th.	·350	1st	·275
November	·529	·588	·469	·119	·736	29th	·325	9th	·411
December	·617	·681	·553	·128	·762	19th	·508	3rd	·254
Year	·411	·470	·352	·118	·786	...	·021	...	·765

* Mean of 20 days.

86. DEESA.

Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date and hour.	Absolute range.
29+	29+	29+		29+		28+		
·553	·622	·513	·109	·778	6th	1·350	22nd, 16h.	·428
·518	·588	·471	·117	·736	6th	1·327	15th, 10h.	·409
·432	·504	·370	·134	600	14th	1·220	31st, 16h.	·380
·317	·391	·252	·139	·480	2nd	1·076	30th, ,,	·404
·224	·293	·155	·138	·381	6th	1·039	26th, & 31st, ,,	·342
·115	·178	·042	·136	·288	3rd	·965	11th, ,,	·323
·091	136	·038	·098	·198	23rd	·954	9th, ,,	·244
·139	·187	·092	·095	·297	29th	·962	20th, ,,	·335
·342	·395	·279	·116	·536	22nd	1·086	18th, ,,	·450
·446	·506	·392	·114	·588	26th	1·293	1st, ,,	·295
·507	·570	·454	·116	·727	29th	1·341	4th, ,,	·386
·585	·657	·530	·127	·731	18th	1·478	28th, ,,	·253
·356	·419	·299	·120	·778	...	·954	...	·824

87. SURAT.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	Imperfect.								
February	·968	1·027	·909	·118	1·146	6th	·848	24th	·298
March	·903	·964	·841	·123	1·092	14th	·745	31st	·347
April	·812	·876	·748	·128	·939	2nd	·674	30th	·265
May	·744	·803	·684	·119	·908	3rd	·606	13th	·302
June	·639	·685	·592	·093	·767	24th	·487	12th	·280
July	·614	·662	·566	·096	·712	18th	·461	15th	·251
August	·659	·708	·610	·098	·813	29th	·535	7th	·278
September	·825	·881	·769	·112	1·018	22nd	·575	17th	·443
October	·894	·946	·841	·105	·992	15th	·796	2nd	·196
November	·902	·957	·847	·110	1·052	28th	·747	4th	·305
December	·984	1·042*	·926*	·116	1·112	19th	·877	8th	·235
Year	?	?	?	?	?	...	·461	...	?

88. MALEGAON.

Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
28+	28+	28+		28+		28+		
·586	·648	·523	·125	·789	6th	·425	22nd	·364
·538	·612	·463	·149	·708	6th	·397	20th	·311
·480	·553	·407	·146	·647	14th	·314	31st	·333
·386	·455	·317	·138	·515	2nd	·258	15th	·257
·315	·380	·250	·130	·456	3rd	·160	26th	·296
·228	·284	·171	·113	·355	14th	·103	11th	·252
·232	·272	·192	·080	·317	27th	·098	15th	·219
·267	·367	·226	·081	·396	26th	·136	19th	·260
·380	·440†	·320†	·120	·563	23rd	·127	18th	·436
·497	·563	·431	·132	·633	11th	·346	28th	·287
·523	·590	·456	·134	·691	29th	·371	3rd	·320
·597	·664	·530	·134	·756	19th	·474	3rd	·282
·419	·481	·357	·124	·789	...	·098	...	·691

* Mean of 23 days.

† Mean of 27 days.

TABLE VII.—MONTHLY MEANS AND EXTREMES OF PRESSURE IN 1888.

89. BOMBAY.

Month.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+	29+	29+	29+		29+		
January	·986	·984	1·046	·941	1·012	1·140	7th	·817	4th	·323
February	·963	·964	1·024	·912	·987	1·136	6th	·833	15th	·303
March	·902	·905	·962	·848	·926	1·082	14th	·778	22nd	·304
April	·824	·831	·881	·768	·844	·946	22nd	·698	15th	·248
May	·772	·781	·827	·720	·783	·920	3rd	·625	13th	·295
June	·676	·676	·715	·639	·700	·781	2nd	·557	11th	·224
July	·695	·686	·730	·665	·719	·789	26th	·581	15th	·208
August	·731	·718	·766	·700	·760	·861	26th	·621	7th	·240
September	·843	·845	·896	·795	·865	1·027	22nd	·673	17th	·354
October	·878	·888	·937	·827	·899	1·000	11th	·751	28th	·249
November	·896	·905	·955	·847	·923	1·035	27th	·717	2nd	·318
December	·971	·975	1·039	·916	·999	1·127	19th	·860	2nd	·267
Year	·845	·847	·898	·798	·868	1·140	...	·557	...	·583

90. POONA.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	27+	27+	27+		27+		27+		
January	1·160	1·221	1·097	·124	1·340	6th	1·027	15th	·313
February	1·123	1·192	1·051	·141	1·296	3rd	·980	15th	·316
March	1·080	1·144	1·000	·144	1·246	14th	·932	31st	·314
April	·997	1·056	·923	·133	1·116	22nd	·869	15th	·247
May	·945	·999	·878	·121	1·094	2nd	·802	26th	·292
June	·873	·911	·827	·084	·972	14th	·741	11th	·231
July	·888	·918	·856	·062	·970	3rd	·785	14th	·185
August	·913	·948	·880	·068	1·039	26th	·811	19th	·228
September	1·018	1·067	·960	·107	1·192	22nd	·845	17th	·347
October	1·083	1·142	1·018	·124	1·212	11th	·949	2nd	·263
November	1·096	1·156	1·034	·122	1·233	29th	·926	2nd	·307
December	1·171	1·238	1·100	·138	1·327	19th	1·048	2nd	·279
Year	1·029	1·083	·969	·114	1·340	...	·741	...	·599

91. SHOLAPUR.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		27+		
January	·417	·476	·357	·119	·579	7th	1·281	27th	·298
February	·373	·445	·300	·145	·564	3rd	1·213	15th	·351
March	·303	·379	·227	·152	·474	14th	1·126	31st	·348
April	·205	·276	·133	·143	·379	22nd	1·075	29th	·304
May	·146	·220*	·071*	·149	·299	2nd	·986	26th	·313
June	·104	·167	·041	·126	·231	5th	·962	11th	·269
July	·124	·170	·077	·093	·217	26th	1·013	8th	·204
August	·149	·206	·091	·115	·275	25th	1·024	11th	·251
September	·230	·298	·161	·137	·414	22nd	1·017	17th	·397
October	·317	·382	·251	·131	·457	11th	1·176	1st	·281
November	·345	·409	·281	·128	·508	27th	1·177	6th	·331
December	·421	·491	·350	·141	·567	19th	1·303	30th	·264
Year	·261	·327	·195	·132	·579	...	·962	...	·617

92. RATNAGIRI.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·894	·945	·843	·102	1·021	8th	·734	4th	·287
February	·886	·938	·834	·104	1·042	4th & 6th	·750	15th	·292
March	·823	·875	·770	·105	·983	14th	·674	24th	·309
April	·744	·795	·692	·103	·856	23rd	·622	12th	·234
May	·697	·745	·649	·096	·824	2nd	·566	26th	·258
June	·638	·672	·604	·068	·723	14th & 23rd.	·539	10th & 11th.	·184
July	·677	·707	·647	·060	·745	20th	·572	15th	·173
August	·707	·740	·674	·066	·821	25th	·611	7th	·210
September	·777	824	·729	·095	·934	22nd	·640	17th	·294
October	·796	·849	·742	·107	·905	11th	652	29th	·253
November	·809	·869	·757	·103	·936	17th	·604	2nd	·332
December	·878	·939	·816	·123	1·017	19th	·765	2nd	·252
Year	·777	·824	·730	·094	1·042	...	·539	...	·503

* Mean of 23 days.

93. BELGAUM.

Month.	Mean.	10 hours.	16 hours.	Range	Highest reading.	Date.	Lowest reading	Date.	Absolute range.
	27+	27+	27+		27+		27+		
January .	·459	·520	·412	·108	·595	8th	·345	3rd	·250
February .	·449	·512	·392	·120	·594	2nd	·323	15th	·271
March .	·413	·481	·349	·132	·572	14th	·284	25th	·288
April .	·342	·404	·280	·124	·464	22nd	·235	6th & 10th	·229
May .	·284	·340	·232	·108	·420	2nd	·131	26th	·289
June .	·243	·279	·206	·073	·322	14th & 24th,	·180	11th	·142
July .	·266	·296	·239	·057	·350	3rd	·183	12th	·167
August .	·286	·316	·257	·059	·386	26th	·201	7th	·185
September .	·342	·386	·287	·099	·483	22nd	·202	17th	·281
October .	·385	·437	·334	·103	·506	11th	·254	28th	·252
November .	·392	·446	·348	·098	·523	29th	·242	2nd	·281
December .	·457	·519	·402	·117	·596	19th	·352	3rd	·244
Year .	·360	·411	·312	·099	·596	...	·131	...	·465

94. KARWAR.

Mean.	10 hours.	16 hours.	Range	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
29+	29+	29+		29+		29+		
·958	1·013	·902	·111	1·081	6th	·831	14th	·250
·940	1·001	·879	·122	1·102	4th	·793	29th	·309
·893	·954	·832	·122	1·065	14th	·755	26th	·310
·819	·873	·765	·108	·929	20th & 22nd.	·708	10th	·221
·771	·816	·725	·091	·904	2nd	·648	26th	·256
·751	·786	·716	·070	·844	14th	·662	11th	·182
·786	·815	·756	·059	·864	20th	·691	7th	·173
·810	·840	·779	·061	·929	25th	·721	7th	·208
·849	·897	·800	·097	·992	22nd	·726	17th	·266
·861	·917	·805	·112	1·000	11th	·709	29th	·291
·867	·921	·812	·109	·995	29th	·646	2nd	·349
·927	·991	·863	·128	1·082	19th	·817	5th	·265
·853	·902	·803	·099	1·102	...	·646	...	·456

95. GOPALPUR.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+						
January .	1·013	1·071	·955*	·116	1·168	8th	·786	27th	·382
February .	·940	·998	·881	·117	1·133	3rd	·699	15th	·434
March .	·847	·908	·785	·123	1·002	14th	·652	25th	·350
April .	·705	·763	·646	·117	·958	22nd	·498	29th	·460
May .	·653	·708	·597	·111	·862	11th	·428	18th	·434
June .	·524	·567	·480	·087	·638	8th	·390	15th	·248
July .	·532	·575	·488	·087	·645	31st	·389	13th	·256
August .	·563	·609	·517	·092	·712	26th	·385	6th	·427
September .	·701	·752	·650	·102	·908	22nd	·392	16th	·516
October .	·871	·922	·819	·103	1·046	26th	·657	5th	·389
November .	·949	1·003	·895	·108	1·110	25th	·790	19th	·320
December .	1·025	1·089	·960	·129	1·163	19th	·892	30th	·271
Year .	·777	·830	·723	·109	1·168	...	·385	...	·783

96. VIZAGAPATAM.

Mean.	4 hours.	10 hours.	16 hours.	21 hours.	Range.	Highest reading.	Date and hour.	Lowest reading.	Date and hour.	Absolute range.
29+	29+	29+	29+	29+		29+		29+		
·811	·778	·871	·753	·841	·118	1·185	...	·418	...	·767

* Mean of 30 days.

97. RAJAHMUNDRY.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·928	·991	·865	·126	1·074	7th	·749	27th	·325
February	·878	·946	·809	·137	1·083	3rd	·713	17th	·370
March	·801	·874	·728	·146	·975	14th	·650	25th & 31st.	·325
April	·685	·758	·611	·147	·853	22nd	·466	29th	·387
May	·612	·675	·549	·126	·810	12th	·416	19th	·394
June	·509	·570	·448	·122	·615	28th	·380	20th	·235
July	·555	·600	·509	·091	·663	20th & 22nd.	·408	12th	·255
August	·583	·631	·534	·097	·735	25th	·448	7th & 8th.	·287
September	·657	·715	·599	·116	·873	22nd	·397	16th	·476
October	·787	·843	·731	·112	·946	11th	·604	2nd	·342
November	·848	·902	·793	·109	·997	25th	·703	2nd	·294
December	·918	·981	·855	·126	1·059	19th	·786	13th	·273
Year	·730	·791	·669	·122	1·083	...	·380	...	·703

98. MASULIPATAM.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	1·031	1·097	·983	·114	1·184	6th	·849	27th	·335
February	1·010	1·073	·964	·109	1·200	3rd	·863	15th	·337
March	·943	1·009	·891	·118	1·105	14th	·799	25th	·306
April	·809	·874	·748	·126	·960	22nd	·592	29th	·368
May	·721	·773	·662	·111	·878	12th	·538	31st	·340
June	·635	·691	·560	·131	·746	14th	·500	19th	·246
July	·682	·726	·622	·104	·803	20th	·546	12th	·257
August	·709	·757	·645	·112	·858	25th	·567	7th	·291
September	·769	·830	·698	·132	·985	22nd	·503	16th	·482
October	·895	·952	·838	·114	1·054	11th	·705	2nd	·349
November	·945	1·004	·894	·110	1·096	26th	·800	4th	·296
December	1·022	1·091	·964	·127	1·172	19th	·889	13th	·283
Year	·848	·906	·789	·117	1·200	...	·500	...	·700

99. SECUNDERABAD.

Month.	Mean.	10 hours.	16 hours.	22 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	27+	27+	27+	27+		27+		27+		
January	1·221	1·290	1·167	1·246	·128	1·391	7th	1·082	27th	·309
February	1·179	1·252	1·124	1·202	·131	1·386	3rd	1·025	15th	·361
March	1·119	1·195	1·058	1·139	·141	1·279	14th	·970	31st	·309
April	1·030	1·097	·962	Discontinued.	·135	1·206	22nd	·883	30th	·323
May	·971	1·032	·910		·122	1·115	11th	·809	31st	·306
June	·903	·963	·843		·120	1·051	14th	·770	10th	·281
July	·925	·973	·876		·097	1·032	20th	·806	12th	·226
August	·948	1·001	·894		·107	1·089	25th	·829	11th	·260
September	1·024	1·080	·962		·118	1·205	22nd & 23rd.	·791	17th	·414
October	1·127	1·189	1·065		·124	1·270	26th	·960	6th	·310
November	1·161	1·219	1·103		·116	1·314	25th	·995	3rd	·319
December	1·233	1·294	1·172		·122	1·378	19th	1·116	13th	·262
Year	1·070	1·132	1·011	...	·122	1·391	...	·770	.	·621

100. KURNOOL.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January	1·086	1·158	1·014	·144	1·238	6th	·937	27th	·301
February	1·038	1·118	·958	·160	1·246	3rd	·852	15th	·394
March	·962	1·044	·880	·164	1·156	1st	·786	25th	·370
April	·866	·940	·792	·148	1·111	22nd	·712	10th	·399
May	·786	·850	·721	·129	·954	16th	·639	26th	·315
June	·785	·854	·715	·139	·926	14th	·656	1st	·270
July	·816	·880	·752	·128	·948	20th	·665	10th	·283
August	·833	·903	·763	·140	·975	26th	·699	11th	·276
September	·885	·959	·810	·149	1·083	22nd	·686	16th	·397
October	·975	1·047	·902	·145	1·134	11th	·835	1st & 31st	·299
November	1·011	1·075	·947	·128	1·174	29th	·855	4th	·319
December	1·083	1·154	1·011	·143	1·238	19th	·946	16th	·292
Year	·927	·999	·855	·144	1·246	...	·639	...	·607

101. BELLARY.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		29+		28+		
January .	·526	·594	·457	·137	·678	7th & 8th	·393	14th	·285
February .	·487	·561	·413	·148	·674	3rd	·308	15th	·366
March .	·422	·501	·343	·158	·583	14th	·257	31st	·326
April . .	·337	·415	·259	·156	·588	22nd	·202	29th	·386
May . .	·287	·357	·217	·140	·435	3rd	·103	26th	·332
June . .	·266	·325	·207	·118	·378	14th	·153	11th	·225
July . .	·294	·345	·242	·103	·394	20th	·160	12th	·234
August .	·312	·367	·256	·111	·446	25th	·197	7th	·249
September .	·355	·425	·284	·141	·540	21st	·183	15th	·357
October .	·428	·490	·357	·142	·582	11th	·278	31st	·304
November .	·456	·521	·390	·131	·608	29th	·285	2nd	·323
December .	·526	·596	·455	·141	·678	19th	·403	30th	·275
Year . .	·391	·459	·323	·136	·678	...	·103	...	·575

102. MANGALORE.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January .	·979	1·035	·922	·113	1·103	6th	·862	14th	·241
February .	·964	1·025	·903	·122	1·117	6th	·813	15th	·304
March .	·917	·980	·853	·127	1·074	14th	·765	26th	·309
April . .	·852	·903	·800	·103	·974	22nd	·744	12th	·230
May . .	·805	·853	·756	·097	·946	2nd	·676	26th	·270
June . .	·821	·854	·787	·067	·935	14th	·716	1st	·219
July . .	·853	·883	·822	·061	·936	3rd & 20th	·749	12th	·187
August .	·872	·907	·837	·070	·985	25th	·788	8th	·197
September .	·887	·937	·836	·101	1·024	22nd	·775	14th	·249
October .	·897	·956	·837	·119	1·025	11th	·741	28th	·284
November .	·896	·950	·841	·109	1·015	29th	·705	2nd	·310
December .	·946	1·006	·885	·121	1·084	19th	·820	15th	·264
Year . .	·891	·941	·840	·101	1·117	...	·676	...	·441

103. MERCARA.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	26+	26+	26+		26+		26+		
January .	·246	·291	·201	·090	·391	6th	·138	14th	·253
February .	·231	·280	·181	·099	·355	6th	·116	15th	·239
March .	·205	·255	·155	·100	·323	14th	·123	25th	·200
April .	·151	·196	·106	·090	·275	22nd	·054	6th	·221
May . .	·107	·146	·068	·078	·212	2nd	·007	12th	·205
June . .	·107	·134	·079	·055	·198	14th	·037	11th	·161
July . .	·129	·157	·101	·056	·207	3rd	·055	12th	·152
August .	·136	·167	·105	·062	·242	25th	·059	7th & 8th	·183
September .	·158	·196	·119	·077	·282	22nd	·062	17th	·220
October .	·183	·224	·142	·082	·302	11th	·061	28th	·241
November .	·184	·224	·143	·081	·285	29th	·044	2nd	·241
December .	·214	·258	·170	·088	·346	19th	·122	15th	·224
Year . .	·171	·211	·131	·080	·391	...	·007	...	·384

104. BANGALORE.

Month.	Mean.	10 hours.	16 hours.	22 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	26+	26+	26+	26+		26+		26+		
January .	1·074	1·132	1·022	1·107	·116	1·194	6th	·967	13th	·227
February .	1·051	1·115*	·993*	1·084*	·124	1·220	3rd	·916	15th	·304
March .	·999	1·063	·937	1·029	·131	1·115	14th	·885	31st	·230
April .	·932	·993	·870	Discontinued.	·123	1·086	22nd	·816	10th	·270
May . .	·874	·929	·819		·110	1·002	15th	·739	26th	·263
June . .	·866	·911	·820		·091	·965	14th	·769	21st	·196
July . .	·891	·933	·848		·085	·992	3rd	·780	10th & 11th,	·212
August .	·903	·949	·856		·093	1·021	25th	·794	8th	·227
September .	·929	·988	·869		·119	1·088	22nd	·793	15th	·295
October .	·981	1·037	·924		·113	1·122	11th	·834	31st	·288
November .	·990	1·042	·937		·105	1·119	29th	·734	1st	·385
December .	1·043	1·098	·988		·110	1·184	19th	·934	13th & 14th	·250
Year . .	·961	1·016	·907	...	·110	1·220	...	·734	...	·486

* Mean of 28 days.

105. CUDDAPAH.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	Untrustworthy.								
February	Ditto.								
March	Ditto.								
April	·367	·448	·285	·163	·616	22nd	·190	30th	·426
May	·327	·390	·264	·126	·479	15th	·129	31st	·350
June	·274	·344	·204	·140	·407	14th	·137	1st	·270
July	·309	·373	·244	·129	·442	20th	·153	11th	·289
August	·336	·404	·267	·137	·491	25th	·198	8th	·293
September	·383	·461	·304	·157	·579	21st	·192	15th	·387
October	·472	·541	·403	·138	·632	11th	·322	1st	·310
November	·508	·579	·446	·124	·656	29th	·272	1st	·384
December	·591	·657	·524	·133	·742	19th	·467	13th	·275
Year	...	...	...	...	...	...	...	...	...

106. MADRAS.

Month.	Mean.	10 hours.	16 hours.	22 hours.	Range.	Highest reading.	Date and hour.	Lowest reading.	Date and hour.	Absolute range.
	29+	29+	29+	29+		29+		28+		
January	1·022	1·076	·977	1·049	·104	1·146	6th, 22h. 7th, 10h.	1·879	27th, 16h.	·267
February	·989	1 049	·938	1·015	·113	1·190	3rd, 10h.	1·833	15th, ,,	·357
March	·919	·978	·865	·943	·117	1·086	14th, ,,	1·755	25th, ,,	·331
April	·815	·872	·749	·846	·130	1·010	22nd, ,,	1·628	30th, ,,	·382
May	·741	·788	·678	·772	·117	·886	15th, ,,	1·561	31st, ,,	·325
June	·705	·752	·639	·733	·120	·807	13th, ,,	1·567	1st, ,,	·240
July	·743	·790	·675	·772	·122	·865	3rd, ,,	1·585	11th, ,,	·280
August	·767	·815	·699	·800	·121	·905	25th, ,,	1·600	7th, ,,	·305
September	·801	·852	·734	·838	·124	·994	22nd, ,,	1·603	15th, ,,	·391
October	·875	·934	·824	·892	·118	1·036	11th, ,,	·980	31st 10½ P.M.	1·056
November	·923	·966	·874	·959	·100	1·053	25th, ,,	1·645	1st, 16h.	·408
December	1·041	·942	1·023	·705	1·144	19th, ,,	1·808	13th, ,,	·336	
Year	·858	·909	·800	·887	·116	1·190	...	·980	...	1·210

107. SALEM.

Month.	Mean.	10 hours.	16 hours.	22 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+	28+		28+		28+		
January	1·074	1·163	1·005	1·108	·165	1·224	8th	·935	28th	·289
February	1·057	1·146	·985	1·091	·164	1·231	4th	·896	17th	·335
March	·993	1·082	·913	1·027	·175	1·187	14th	·842	31st	·345
April	·902	·982	·821	Discontinued.	·161	1·063	22nd	·734	30th	·329
May	·852	·923	·781		·142	·979	16th	·694	26th	·285
June	·856	·921	·791		·130	·982	13th	·706	3rd	·276
July	·886	·950	·821		·129	1·020	3rd	·748	10th	·272
August	·897	·965	·828		·137	1·049	25th	·747	7th	·302
September	·931	1·003	·856		·145	1·112	22nd	·777	15th	·335
October	1·000	1·006	·933		·133	1·148	27th	·826	31st	·322
November	1·008	1·067	·949		·118	1·150	28th	·795	1st	·355
December	1·078	1·139	1·016		·123	1·202	26th	·945	14th	·257
Year	·961	1·029	·892	...	·144	1·231	...	·694	...	·537

108. WELLINGTON.

Month.	Mean.	10 hours.	16 hours.	22 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	24+	24+	24+	24+		24+		24+		
January	·302	·331	·269	·327	·065	·404	6th	·206	14th	·198
February	·309	·344	·271	·337	·074	·418	3rd	·220	15th	·198
March	·301	·335	·259	·330	·079	·396	14th	·223	10th	·173
April	·250	·288	·212	Discontinued.	·076	·352	22nd	·168	10th	·184
May	·199	·232	·166		·066	·295	2nd	·101	12th	·194
June	·179	·205	·152		·053	·247	13th	·111	11th	·136
July	·202	·229	·174		·055	·280	20th	·117	12th	·163
August	·204	·233	·175		·058	·302	25th	·129	7th	·173
September	·227	·263	·191		·072	·354	22nd	·137	14th	·217
October	·261	·297	·225		·072	·374	11th	·155	31st	·219
November	·261	·293	·228		·065	·357	26th & 29th.	·127	1st	·230
December	·283	·317	·249		·068	·400	19th	·180	14th	·220
Year	·248	·281	·214	...	·067	·418	...	·101	...	·317

109. CALICUT.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January .	·962	1·027*	·897*	·130	1·064	31st	·810	13th	·254
February .	·953	1·020	·885	·135	1·095	4th	·802	28th	·293
March . .	·906	·975	·836	·139	1·063	14th	·743	26th	·320
April . .	·842	·902	·782	·120	·976	23rd	·730	12th	·246
May . .	·805	·855	·755	·100	·964	15th	·677	26th	·287
June . .	·832	·869	·794	·075	·927	14th	·714	1st	·213
July . .	·867	·903	·831	·072	·976	3rd	·770	12th	·206
August .	·878	·921	·835	·086	·993	25th	·782	8th	·211
September .	·878	·931	·824	·107	1·005	22nd	·776	15th	·229
October .	·881	·939	·823	·116	1·029	11th	·728	29th	·301
November .	·889	·943	·834	·109	1·004	29th	·741	2nd	·263
December .	·925	·987	·862	·125	1·080	19th	·779	15th	·301
Year . .	·885	·939	·830	·109	1·095	...	·677	...	·418

* Mean of 22 days.

110. COIMBATORE.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	28+	28+	28+		28+		28+		
January .	·661	·734	·602	·132	·801	6th	·508	28th	·293
February .	·634	·713	·572	·141	·818	4th	·484	16th	·334
March . .	·590	·672	·515	·157	·785	14th	·447	25th	·338
April . .	·508	·574	·435	·139	·658	22nd	·364	12th	·294
May . .	·465	·514	·397	·117	·589	15th	·340	12th	·249
June . .	·489	·522	·434	·088	·585	13th	·361	1st	·224
July . .	·508	·538	·455	·083	·602	3rd	·389	12th	·213
August .	·511	·548	·451	·097	·619	26th	·381	7th	·238
September .	·524	·581	·450	·131	·687	22nd	·397	14th	·290
October .	·576	·635	·504	·131	·714	11th& 16th	·412	31st	·302
November .	·588	·646	·530	·116	·729	29th	·403	1st	·326
December .	·639	·706	·576	·130	·798	19th	·489	24th	·309
Year . .	·558	·615	·493	·122	·818	...	·340	...	·478

111. TRICHINOPOLY.

Month.	Mean.	10 hours.	16 hours.	22 hrs.	Range.	Highest reading.	Date and hour.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+	29+		29+		29+		
January .	·767	·828	·710	·806	·123	·883	15th, 22h.	·629	28th	·254
February .	·742	·812	·674	·787	·139	·917	3rd, 10h.	·589	15th	·328
March .	·685	·758	·605	·731	·159	·863	14th, ,,	·504	31st	·359
April .	·573	·653	·493		·160	·744	22nd, ,,	·404	30th	·340
May .	·513	·585	·440		·145	·694	15th, ,,	·344	26th	·350
June .	·504	·570	·437		·133	·635	14th, ,,	·360	21st	·275
July .	·540	·605	·474	Discontinued.	·131	·692	3rd, ,,	·416	10th & 12th	·276
August .	·551	·624	·478		·146	·718	25th, ,,	·406	7th	·312
September	·573	·651	·495		·156	·771	22nd, ,,	·390	15th	·381
October .	·641	·717	·565		·152	·802	11th, ,,	·432	31st	·370
November	·666	·729	·603		·126	·817	29th, ,,	·427	1st	·390
December	·733	·795	·670		·125	·885	19th, ,,	·523	14th	·362
Year .	·624	·694	·554	...	·141	·917	...	·344	...	·573

112. NEGAPATAM.

Month.	Mean.	10 hours.	16 hours.	22 hrs.	Range.	Highest reading.	Date and hour.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+	29+		29+		29+		
January .	1·005	1·063	·956	1·033	·112	1·117	6th, 22h.	·893	28th	·224
February .	·985	1·051	·936	1·006	·117	1·168	3rd, 10h.	·852	15th	·316
March .	·927	·989	·868	·955	·125	1·096	14th, ,,	·785	31st	·311
April .	·827	·887	·766		·121	·974	22nd, ,,	·670	30th	·304
May .	·769	·825	·712		·113	·910	15th, ,,	·608	11th	·302
June .	·749	·801	·696		·105	·864	13th, ,,	·643	21st	·221
July .	·783	·838	·727	Discontinued.	·111	·915	3rd, ,,	·657	12th	·258
August .	·799	·857	·741		·116	·934	26th, ,,	·662	7th	·272
September	·828	·888	·767		·121	1·016	22nd, ,,	·667	15th	·349
October .	·886	·943	·828		·115	1·036	11th, ,,	·687	31st	·349
November	·920	·969	·870		·099	1·050	25th, ,,	·704	1st	·346
December	·967	1·020	·913		·107	1·130	19th, ,,	·602	14th	·529
Year .	·870	·929	·815	...	·114	1·168	...	·601	...	·567

TABLE VII.—MONTHLY MEANS AND EXTREMES OF PRESSURE IN 1888.

113. MADURA.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·547	·624	·469	·155	·667	6th	·418	29th	·249
February	·529	604	·449	·155	·691	7th	·389	16th	·302
March	·475	·544	·391	·153	·593	1st	·344	26th	·249
April	·388	·450	·305	·145	·549	22nd	·219	29th	·330
May	·325	·384	·246	·138	·503	15th	·171	31st	·332
June	·328	·372	·263	·109	·427	13th	·191	1st	·236
July	·353	·402	·287	·115	·477	3rd	·229	11th	·248
August	·361	·418	·285	·133	·500	26th	·209	7th	·291
September	·382	·444	·305	·139	·569	22nd	·235	16th	·334
October	·442	·503	·375	·128	·595	11th	·268	31st	·327
November	·461	·523	·398	·125	·603	29th	·246	1st	·357
December	·516	·581	·453	·128	·666	18th	·285	14th	·381
Year	·426	·487	·352	·135	·691	...	·171	...	·520

114. COCHIN.

Mean.	10 hours.	16 hours.	22 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
29+	29+	29+	29+		29+		29+		
·969	1·038	·914	·998	·130	1·093	6th	·853	15th	·240
·954	1·025	·888	·994	·140	1·125	4th	·810	15th	·315
·915	·585	·841	·957	·149	1·096	14th	·753	26th	·343
·852	·912	·791	...	·121	·985	22nd	·739	6th	·246
·818	·870	·766	...	·104	·966	15th	·654	10th	·312
·863	·903	·822	...	·081	·964	28th	·726	1st	·238
·895	·934	·856	...	·078	1·004	3rd	·791	12th	·213
·902	·944	·860	...	·084	1·017	25th & 26th,	·800	7th	·217
·898	·951	·845	...	·106	1·041	22nd	·796	12th	·245
·901	·957	·844	...	·113	1·044	11th	·755	28th	·289
·904	·959	·849	...	·110	1·016	29th	·772	2nd	·244
·936	·994	·878	...	·116	1·086	19th	·779	15th	·307
·901	·956	·846	...	·111	1·125	...	·654	...	·471

115. COLOMBO.

Month.	Mean.	9½ hours.	15½ hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·935	·998	·872	·126	1·039	6th	·810	15th	·229
February	·923	·989	·856	·133	1·083	3rd	·780	15th	·303
March	·891	·957	·824	·133	1·054	14th	·779	21st to 25th.	·275
April	·833	·886	·780	·106	·966	23rd	·714	11th	·252
May	·805	·851	·758	·093	·935	16th	·686	10th	·249
June	·840	·882	·797	·085	·934	13th	·728	1st	·206
July	·864	·907	·820	·087	·963	20th	·758	11th	·205
August	·872	·917	·826	·091	·985	25th	·747	8th	·238
September	·877	·928	·826	·102	1·020	22nd	·769	11th	·251
October	·864	·923	·804	·119	·999	11th	·723	28th	·276
November	·871	·926	·816	·110	·976	26th	·755	1st	·221
December	·900	·957	·843	·114	1·052	21st	·741	4th	·311
Year	·873	·927	·819	·108	1·083	...	·686	...	·397

116. JAFFNA.

Mean.	9½ hours.	15½ hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
29+	29+	29+		29+		29+		
1·003	1·058	·948	·110	1·110	6th	·892	7th	·218
·987	1·047	·926	·121	1·168	3rd	·821	15th	·347
·931	·994	·868	·126	1·088	14th	·797	23rd	·291
·842	·896	·787	·109	·981	22nd	·684	10th	·297
·779	·830	·727	·103	·939	15th	·637	31st	·302
·779	·827	·730	·097	·892	13th	·625	22nd	·267
·809	·854	·763	·091	·926	21st	·703	15th	·223
·824	·876	·772	·104	·952	26th	·703	?	·249
·851	·906	·796	·110	1·023	22nd	·687	15th	·336
·893	·945	·841	·104	1·026	11th	·702	31st	·324
·908	·960	·855	·105	1·027	28th	·724	1st	·303
·961	1·009	·912	·097	1·100	19th	·734	14th	·366
·881	·934	·827	·107	1·168	...	·625	...	·543

TABLE VII.—MONTHLY MEANS AND EXTREMES OF PRESSURE IN 1888.

117. TRINCOMALEE.

Month.	Mean.	9h hours.	15h hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·926	·979	·872	·107	1·026	?	·822	14th	·204
February	·911	·967	·855	·112	1·076	3rd	·772	17th	·304
March	·858	·922	·793	·129	1·014	14th	·712	31st	·302
April	·765	·831	·699	·132	·917	23rd	·616	9th	·301
May	·707	·764	·650	·114	·863	15th	·566	21st	·297
June	·707	·755	·659	·096	·819	17th	·584	1st	·235
July	·732	·785	·678	·107	·847	3rd	·630	12th	·217
August	·743	·798	·687	·111	·881	25th	·610	7th	·271
September	·755	·817	·692	·125	·944	22nd	·629	?	·315
October	·798	·860	·735	·125	·948	11th	·620	31st	·328
November	·823	·878	·768	·110	·954	28th	·650	1st	·304
December	·867	·919	·814	·105	1·009	18th	·692	14th	·317
Year	·799	·856	·742	·114	1·076	...	·566	...	·510

118. BATTICALOA.

Mean.	9h hours.	15h hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
29+	29+	29+		29+		29+		
·975	1·018	·932	·086	1·068	6th	·881	13th	·187
·961	1·006	·915	·091	1·075	4th	·851	16th	·224
·917	·964	·869	·095	1·040	14th	·816	25th & 26th.	·234
·833	·880	·786	·094	·942	23rd	·719	10th	·223
·784	·829	·738	·091	·910	15th	·671	22nd	·239
·781	·823	·739	·084	·865	18th	·661	1st	·204
·803	·845	·761	·084	·898	21st	·695	12th	·203
·815	·859	·771	·088	·938	26th	·701	7th	·237
·831	·872	·789	·083	·960	24th	·713	14th	·247
·857	·902	·811	·091	·970	11th	·727	31st	·243
·872	·915	·828	·087	·986	30th	·736	1st	·250
·917	·958	·875	·093	1·018	19th	·797	14th	·221
·862	·906	·818	·088	1·075	...	·661	...	·414

119. GALLE.

Month.	Mean.	9h hours.	15h hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·930	·981	·879	·102	1·029	6th	·806	14th	·223
February	·915	·972	·857	·115	1·076	3rd	·800	15th	·276
March	·887	·946	·827	·119	1·037	14th	·774	22nd	·263
April	·823	·872	·774	·098	·924	18th	·715	10th	·209
May	·795	·845	·744	·101	·926	16th	·687	10th	·239
June	·829	·875	·782	·093	·929	8th	·727	22nd	·202
July	·849	·893	·805	·088	·966	20th	·749	11th	·217
August	·861	·907	·815	·092	·980	25th	·737	8th	·243
September	·868	·918	·818	·100	1·010	22nd	·764	8th	·246
October	·860	·914	·805	·109	·985	11th	·726	31st	·259
November	·863	·916	·810	·106	·974	13th	·744	1st	·230
December	·882	·936	·827	·109	·990	18th	·778	9th	·212
Year	·864	·915	·812	·103	1·076	...	·687	...	·389

120. KANDY.

Mean.	9h hours.	15h hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
28+	28+	28+		28+		28+		
·264	·321	·207	·114	·365	30th	·141	3rd	·224
·250	·306	·193	·113	·404	3rd	·124	15th	·280
·220	·281	·159	·122	·382	14th	·117	26th	·265
·167	·224	·110	·114	·297	23rd	·042	11th	·255
·139	·189	·089	·100	·316	1st	·039	31st	·277
·164	·209	·119	·090	·299	16th	·057	21st	·242
·195	·245	·144	·101	·305	20th	·095	11th	·210
·191	·235	·146	·089	·303	25th	·077	7th	·226
·204	·252	·155	·097	·341	22nd	·073	2nd	·268
·203	·255	·150	·105	·309	11th	·070	31st	·239
·208	·260	·156	·104	·308	26th	·105	19th	·203
·247	·302	·191	·111	·362	18th	·101	2nd	·261
·204	·257	·152	·105	·404	...	·039	...	·365

TABLE VII.—MONTHLY MEANS AND EXTREMES OF PRESSURE IN 1888.

121. NEWERA ELIYA.

Month.	Mean.	9½ hours.	15½ hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	24+	24+	24+		24+		23+		
January	Not recorded.								
February	Ditto.								
March	·103	·157	·048	·109	·189	7th	1·020	25th	·169
April	·087	·128	·046	·082	·183	?	·985	9th	·198
May	·072	·109	·034	·075	·225	17th	·979	?	·246
June	·077	·115	·039	·076	·209	14th	1·001	24th	·208
July	·076	·099	·053	·046	·151	3rd	1·001	11th	·150
August	·074	·106	·042	·064	·160	?	·995	7th	·165
September	·063	·093	·032	·061	·164	22nd	·999	2nd	·165
October	·055	·089	·020	·069	·131	25th	·989	?	·142
November	·055	·088	·022	·066	·168	26th	·997	14th	·171
December	·064	·099	·029	·070	·152	16th	·991	9th	·161
Year	?	?	?	?	?	...	·979	...	?

122. BHAMO.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	28+		29+		28+		
January	·480	·522	1·437	·085	·628	6th	1·357	13th	·271
February	·428	·471	1·385	·086	·560	3rd	1·248	28th	·312
March	·338	·391	1·285	·106	·503	13th	1·122	24th	·381
April	·227	·287	1·167	·120	·435	18th	1·015	8th	·420
May	·165	·223	1·107	·116	·348	12th	·951	19th	397
June	·037	·081	·993	·088	·172	1st	·886	10th	·286
July	·089	·132	1·045	·087	·205	21st	·973	11th	·232
August	·119	·168	1·070	·098	·294	20th	·942	3rd	·352
September	·238	·284	1·192	·092	·373	23rd	1·071	1st	·302
October	·353	·389	1·317	·072	·541	25th	1·199	7th	·342
November	·450	·493*	1·406*	·087	·654	27th	1·273	19th	·381
December	·531	·580	1·482†	·098	·672	19th	1·379	31st	·293
Year	·288	·335	·241	·094	·672	...	·886	...	·786

* Mean of 29 days.
† „ „ 30 „

123. KENDAT.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		28+		
January	·682	·750	·613	·137	·848	1st	1·498	24th	·350
February	·576	·650	·502	·148	·791	5th	1·360	29th	·431
March	·453	·529	·376	·153	·645	14th	1·239	24th	·406
April	·364	·436	·292	·144	·583	18th	1·149	7th	·434
May	·294	·360	·227*	·133	·509	1st	1·057	18th	·452
June	·180	·237	·123	·114	·334	1st	·996	11th	·338
July	·200	·244	·155	·089	·347	13th	1·056	25th	·291
August	·216	·263	·169	·094	·371	22nd	1·071	3rd	·300
September	·352	·394	·309	·085	·452	16th	1·192	1st	·260
October	·466	·521	·411	·110	·643	26th	1·323	1st	·320
November	·570	·627	·513	·114	·685	15th	1·447	2nd	·238
December	·651	·706	·595	·111	·790	28th	1·507	11th	·283
Year	·417	·476	·357	·119	·848	...	·996	...	·852

* Mean of 30 days.

124. MANDALAY.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·735	·804	·665	·139	·907	6th	·572	13th	·335
February	·696	·773	·619	·154	·896	3rd	·499	15th	·397
March	·577	·659	·495	·164	·785	13th	·354	24th	·431
April	·479	·565	·392	·173	·685	18th	·254	8th	·431
May	·438	·520†	·356‡	·164	·676	12th	·194	19th	·482
June	·332	·394	·269	·125	·473	27th	·131	11th	·342
July	·384	·445	·323	·122	·537	21st	·191	11th	·346
August	·418	·480	·356	·124	·612	25th	·239	3rd	·373
September	·533	·603	·463	·140	·700	27th	·288	1st	·412
October	Not received.								
November	Ditto.								
December	Ditto.								
Year	?	?	?	?	?	...	·131	...	?

† Mean of 29 days.
‡ „ „ 28 „

125. AKYAB.

Month.	Mean.	10 hours	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	1·016	1·075	·963	·112	1·173	6th	·865	28th	·308
February	·966	1·030	·916	·114	1·131	3rd	·801	29th	·330
March	·906	·970	·854	·116	1·059	13th	·786	31st	·273
April	·835	·890	·786	·104	·975	21st	·709	29th	·266
May	·765	·814	·708	·106	·945	11th	·561	19th	·384
June	·627	·666	·582	·084	·763	28th	·375	11th	·388
July	·668	·701	·629	·072	·796	21st	·524	18th	·272
August	·691	·731	·642	·089	·867	25th	·532	4th	·335
September	·789	·842	·728	·114	·976	20th & 22nd.	·589	13th	·387
October	·890	·941	·833	·108	1·061	25th	·657	1st	·404
November	·943	·993	·888	·105	1·094	26th	·704	20th	·390
December	1·000	1·058	·941	·117	1·130	19th & 21st.	·873	9th	·257
Year	·841	·893	·789	·104	1·173	...	·375	...	·798

126. THAYETMYO.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·848	·920*	·776*	·144	·996	7th	·713	13th	·283
February	·817	·887	·746	·141	1·001	3rd	·639	29th	·362
March	·724	·797	·650	·147	·891	14th	·562	31st	·329
April	·644	·725†	·563‡	·162	·835	21st	·491	10th	·344
May	·603	·672	·533	·139	·817	13th	·390	19th	·427
June	·512	·566	·457	·109	·647	28th	·342	11th	·305
July	·580	·628	·531	·097	·714	4th	·446	24th	·268
August	·591	·641	·541	·100	·787	25th	·417	3rd	·370
September	·663	·728	·598	·130	·837	19th	·465	13th	·372
October	·765	·825	·704	·121	·936	25th	·571	1st	·365
November	·820	·881	·758	·123	1·002	26th	·633	20th	·369
December	·869	·940	·798	·142	1·037	19th	·709	30th	·328
Year	·703	·768	·638	·130	1·037	...	·342	...	·695

* Mean of 30 days. † Mean of 29 days. ‡ " " 27 "

127. TOUNGOO.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·815	·877	·753	·124	·961	6th	·673	13th	·288
February	·757	·828	·685	·143	·930	3rd	·576	27th	·354
March	·693	·774	·612	·162	·862	13th	·547	15th & 31st.	·315
April	·615	·699	·530	·169	·794	21st	·462	10th	·332
May	·570	·646	·494	·152	·772	11th	·376	18th	·396
June	·494	·544	·444	·100	·632	28th	·335	11th	·297
July	·564	·608	·520	·088	·687	21st	·406	11th	·281
August	·570	·617	·522	·095	·748	25th	·405	2nd & 3rd	·343
September	·621	·684	·558	·126	·807	22nd	·420	13th	·387
October	·720	·776	·664	·112	·868	25th	·533	1st	·335
November	·763	·818	·708*	·110	·925	26th	·593	20th	·332
December	·811	·870	·752	·118	·947	19th	·675	30th	·272
Year	·666	·728	·604	·124	·961	...	·335	...	·626

128. BASSEIN.†

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·990	1·049	·930	·119	1·142	5th	·858	13th	·284
February	·953	1·012	·894	·118	1·105	3rd	·811	16th	·294
March	·904	·963	·845	·118	1·040	13th	·768	31st	·272
April	·835	·893	·777	·116	·977	21st	·709	29th	·268
May	·780	·832	·728	·104	·942	12th	·595	19th	·347
June	·689	·725	·652	·073	·836	28th	·537	11th	·299
July	·755	·793	·716	·077	·866	3rd	·635	11th	·231
August	·763	·806	·719	·087	·936	25th	·611	4th	·325
September	·794	·849	·739	·110	1·030	22nd	·531	14th	·499
October	·891	·946	·836	·110	1·039	24th	·696	1st	·343
November	·930	·984	·876	·108	1·090	26th	·751	19th	·339
December	·974	1·032	·915	·117	1·100	22nd	·851	9th	·249
Year	·855	·907	·802	·105	1·142	...	·531	...	·611

* Mean of 29 days. † The readings from 1st January to 12th July have been corrected to the present elevation of 21 feet.

129. Diamond Island.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·990	1·043	·936	·107	1·133	6th	·866	13th	·267
February	·955	1·009	·901	·108	1·096	3rd	·835	24th	·261
March	·912	·966	·858	·108	1·034	13th	·804	31st	·230
April	·843	·895	·791†	·104	·980	21st	·733	28th & 29th.	·247
May	·777	·822	·732	·090	·928	12th	·576	17th	·352
June	·686	·720	·652	·068	·823	28th	·524	11th	·299
July	·749	·782	·716	·066	·858	3rd	·636	12th	·222
August	·766	·803	·729	·074	·928	25th	·610	4th	·318
September	·788	·837	·739	·098	1·004	22nd	·518	14th	·486
October	·861	·909	·813	·096	·997	25th	·654	1st	·343
November	·911	·958	·863	·095	1·064	26th	·717	19th	·347
December	·960	1·012	·908	·104	1·082	22nd	·844	9th	·238
Year	·850	·896	·803	·093	1·133	...	·518	...	·615

† Mean of 29 days.

130. Rangoon.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·983	1·045	·920	·125	1·145	5th	·868	1st	·277
February	·940	1·007	·872	·135	1·094	3rd	·791	28th	·303
March	·883	·957*	·809*	·148	1·046	13th	·742	31st	·304
April	·803	·881	·725	·156	·965	21st	·653	11th	·312
May	·766	·826	·706	·120	·943	12th	·585	17th	·358
June	·694	·738	·649†	·089	·843	28th	·561	15th	·282
July	·760	·800	·719*	·081	·895	20th	·647	16th	·248
August	·766	·810	·721	·089	·938	25th	·594	3rd	·344
September	·787	·848	·726†	·122	·984	22nd	·505	13th	·479
October	·883	·939	·827	·112	1·031	24th & 25th.	·687	1st	·344
November	·919	·969	·869	·100	1·071	25th	·766	20th	·305
December	·964	1·012	·915*	·097	1·102	23rd	·832	9th	·270
Year	·846	·903	·788	·115	1·145	...	·505	...	·640

* Mean of 30 days.

131. Moulmein.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·893	·960	·825	·135	1·060	6th	·749	13th	·311
February	·858	·921	·794	·127	1·008	3rd	·713	16th	·295
March	·799	·868	·729	·139	·938	7th	·561	31st	·377
April	Untrustworthy.								
May	·786	·776*	·655*	·121	·883	11th	·557	18th	·326
June	·659	·700	·617	·083	·801	28th	·491	15th	·310
July	·720	·759	·681	·078	·879	20th	·592	11th	·287
August	·734	·779	·689	·090	·902	25th	·563	2nd	·339
September	·753	·812	·693	·119	·934	22nd	·459	13th	·475
October	·834	·889	·778	·111	·974	24th	·652	1st	·322
November	?	Imperfect.	·793*	?	?	?	·682	18th	?
December	·894	·963†	·825‡	·138	1·040	22nd	·746	8th	·294
Year	?	?	?	?	1·060	...	·459	...	·601

132. Mergui.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·832	·888	·776	·112	·925	9th	·749	28th	·176
February	·852	·908	·795	·113	·983	26th	·761	29th	·222
March	·828	·889	·767	·122	·955	14th	·725	31st	·230
April	·766	·829	·703	·126	·912	21st	·623	10th	·289
May	·733	·787	678	·109	·861	13th	·610	21st	·251
June	·720	·760	·680	·080	·873	30th	·605	15th	·268
July	·759	·799	·718	·081	·861	20th	·652	28th	·209
August	·769	·814	·723	·091	·900	22nd	·633	3rd	·267
September	·762	·811	·712	·099	·920	23rd	·537	13th	·383
October	·808	·865	·750	·115	·942	7th	·643	1st	·299
November	·821	·877	·765	·112	·953	26th	·687	18th	·266
December	845	·902	·788	·114	·955	22nd	·732	5th	·223
Year	·791	·844	·738	·106	·983	...	·537	...	·446

* Mean of 28 days.
† " " 23 "
‡ " " 30 "

TABLE VII.—MONTHLY MEANS AND EXTREMES OF PRESSURE IN 1888.

133. Coco's Island.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·897	·948	·845	·103	1·021	5th & 6th	·784	13th	·237
February	·879	·928*	·829†	·099	1·021	3rd	·757	16th	·264
March	·836	·889	·782	·107	·966	13th	·730	31st	·236
April	Imperfect.								
May	Not recorded.								
June	Ditto.								
July	Ditto.								
August	Ditto.								
September	Ditto.								
October	Ditto.								
November	Ditto.								
December	Ditto.								
Year	?	?	?	?	?	...	?	...	?

* Mean of 28 days.
† " " 27 "

134. Port Blair.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·931	·983	·879	·104	1·055	6th	·790	10th	·265
February	·917	·965*	·869†	·096	1·045	5th	·779	28th	·266
March	·891	·951	·830	·121	1·032	14th	·754	30th	·278
April	·832	·891§	·773‡	·118	1·005	18th	·672	29th	·333
May	·778	·824	·732	·092	·914	12th	·616	19th	·298
June	·726	·762	·689	·073	·858	30th	·618	2nd	·240
July	·773	·806	·739	·067	·887	3rd	·650	11th	·237
August	·772	·812	·731	·081	·918	25th	·643	3rd	·275
September	·796	·845	·747	·098	·970	22nd	·608	13th	·362
October	·851	·901	·800	·101	·997	7th	·652	1st	·345
November	·864	·912	·815	·097	1·002	26th	·701	17th	·301
December	·900	·952	·847	·105	1·053	19th	·785	10th	·268
Year	·836	·884	·788	·096	1·055	...	·608	...	·447

‡ Mean of 23 days.
§ " " 22 "

135. Nancowry.

Month.	Mean.	10 hours.	16 hours.	Range.	Highest reading.	Date.	Lowest reading.	Date.	Absolute range.
	29+	29+	29+		29+		29+		
January	·899	·938	·859	·079	1·005	30th	·771	16th	·234
February	·890	·934	·845	·089	1·039	10th	·739	23rd	·300
March	·854	·904	·803	·101	1·044	14th	·759	4th	·285
April	·835	·883	·786	·097	·947	1st	·721	9th	·226
May	·803	·844	·761	·083	·928	15th	·664	27th	·264
June	·742	·773	·711	·062	·850	7th	·654	11th	·196
July	·755	·790	·719	·071	·864	21st	·657	17th	·207
August	·778	·815	·740	·075	·901	25th	·673	8th	·228
September	Imperfect.								
October	Not recorded.								
November	Ditto.								
December	Ditto.								
Year	?	?	?	?	?	...	?	...	?

TABLE VIII.—MONTHLY MEANS OF PRESSURE IN 1888, REDUCED TO THEIR SEA-LEVEL VALUES. (109 STATIONS).

Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
	29+	29+	29+	29+	29+	29+	29+	29+	29+	29+	29+	29+	29+
Aden	1·044	1·016	·985	·876	·817	·702	·669	·698	·834	·940	·978	1·074	·885
Bushire	1·112	1·051	·999	·864	·759	·576	·487	·551	·789	·950	1·050	1·158	·862
Amini Divi	·999	·996	·949	·878	·839	·839	·879	·891	·914	·909	·909	·948	·913
Mooltan	1·137	1·087	·879	·713	·574	·443	·421	·486	?	·918	1·028	1·137	?
Dera Ismail Khan	1·148	1·078	·886	·735	·567	·430	·414	·492	·691	·939	1·044	1·144	·797
Peshawar	1·192	1·133	·969	·807	·580	·432	·380	·473	·691	·935	1.049	1·160	·817
Rawalpindi	?	?	?	·758	·605	·472	·448	·537	·729	·967	1·075	1·172	?
Sialkot	1·118	1·054	·874	·703	·573	·457	·467	·539	·718	·936	1·032	1·120	·799
Lahore	1·130	1·068	·864	·694	·561	·455	·445	·521	·711	·931	1·030	1·123	·794
Ludhiana	1·121	1·042	·862	·691	·573	·467	·484	·548	·748	·933	1·024	1·123	·801
Delhi	1·126	1·033	·885	·715	·612	·500	·511	·564	·754	·934	1·037	1·152	·819
Sirsa	1·141	1·067	·876	·707	·582	·467	·464	·528	·729	·934	1·038	1·136	·806
Dehra	1·133	1·068	·906	·721	·652	·511	·554	·605	·772	·988	1·073	1·131	·843
Roorkee	1·102	1·032	·851	·670	·585	·462	·508	·556	·741	·931	1·032	1·112	·799
Meerut	1·117	1·035	·859	·682	·597	·476	·508	·564	·749	·936	1·037	1·125	·807
Bareilly	1·106	1·017	·860	·675	·603	·475	·515	·567	·748	·926	1·025	1·108	·802
Agra	1·132	1·061	·896	·719	·620	·511	·523	·579	·769	·947	1·038	1·138	·828
Lucknow	1·108	1·026	·877	·706	·632	·505	·525	·590	·764	·928	1·027	1·113	·817
Gorakhpur	1·087	·992	·853	·680	·632	·495	·519	·563	·742	·910	1·012	1·082	·797
Jhansi	1·119	1·035	·892	·727	·622	·520	·510	·570	·745	·920	1·017	1·137	·818
Allahabad	1·113	1·022	·868	·689	·609	·489	·516	·579	·754	·927	1·033	1·122	·810
Benares	1·109	1·019	·866	·687	·610	·492	·505	·558	·739	·920	1·017	1·108	·803
Ghazipur	1·126	1·014	·873	·704	·633	·498	·511	·564	·749	·929	1·031	1·017	·804
Sibsagar	1·108	1·016	·935	·811	·757	·595	·621	·651	·804	·949	1·042	1·097	·866
Dhubri	1·073	·977	·878	·746	·715	·559	·579	·612	·778	·916	1·007	1·061	·825
Silchar	1·070	1·000	·912	·811	·761	·604	·619	·649	·791	?	1·003	1·045	?
Purneah	1·090	·979	·861	·712	·681	·533	·551	·585	·766	·911	1·006	1·066	·812
Durbhunga	1·093	·981	·852	·695	·658	·509	·535	·568	·751	·913	1·013	1·079	·804
Patna	1·109	·994	·853	·694	·638	·498	·519	·561	·749	·914	1·012	1·091	·803
Gya	1·096	·987	·855	·672	·620	·477	·515	·551	·737	·914	1·001	1·090	·793
Hazaribagh	1·130	1·038	·890	·708	·642	·516	·555	·579	·772	·948	1·022	1·113	·826
Berhampore	1·082	·980	·846	·711	·672	·524	·544	·566	·762	·906	·998	1·058	·804
Burdwan	1·077	·984	·853	·702	·666	·512	·536	·554	·760	·908	·996	1·061	·801
Jessore	1·071	·989	·862	·737	·697	?	·561	·585	·776	·907	·983	1·051	?
Dacca	1·067	·986	·875	·745	·710	·556	·578	·605	·794	·903	·979	1·037	·820
Chittagong	1·064	1·004	·923	·827	·774	·627	·643	·670	·801	·912	·981	1·041	·856
Calcutta (Alipore)	1·069	·988	·869	·728	·680	·528	·547	·565	·761	·901	·991	1·058	·807

Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
	29+	29+	29+	29+	29+	29+	29+	29+	29+	29+	29+	29+	29+
Saugor Island	1·084	1·006	·890	·748	·702	·542	·562	·577	·764	·906	·998	1·072	·821
Cuttack	1·077	·993	·885	·732	·680	·549	·568	·606	·759	·918	·996	1·073	·820
False Point	1·083	1·003	·902	·764	·707	·563	·576	·606	·764	·915	·991	1·072	·829
Sambalpur	1·081	·997	·879	·694	·617	·523	·548	·591	·749	·910	·990	1·077	·805
Raipur	1·066	·979	·869	·697	·624	·538	?	?	·743	·916	·986	1·082	?
Nagpur	1·083	1·004	·895	·743	·665	·600	·598	·647	·766	·933	·995	1·094	·835
Seoni	1·092	1·012	·907	·748	·673	·586	·590	·636	·779	·955	1·017	1·116	·843
Jubbulpore	1·117	1·041	·923	·749	·658	·560	·569	·623	·788	·968	1·050	1·142	·849
Saugor	1·127	1·033	·909	·753	·660	·557	·559	·612	·784	·952	1·033	1·126	·842
Hoshangabad	1·108	1·034	·923	·780	·689	·600	·608	·662	·802	·965	1·037	1·128	·861
Khandwa	1·047	·988	·897	·782	·695	·600	·622	·668	·803	·947	·997	1·094	·845
Chanda	1·074	·990	·896	·740	·672	·612	·637	·677	·784	·941	·997	1·095	·843
Sironcha	1·070	·996	·899	·755	·686	·611	·650	·693	·787	·929	·980	1·077	·844
Buldana	1·056	·984	·911	·770	·700	·633	·659	·701	·828	·951	·989	1·084	·856
Akola	1·073	·997	·903	·760	·680	·601	·632	·674	·788	·932	·969	1·085	·841
Amraoti	1·071	·993	·896	·748	·670	·625	·635	·670	·788	·940	·991	1·084	·843
Neemuch	1·106	1·048	·916	·772	·669	·564	·567	·635	?	?	1·072	1·164	?
Nowgong	1·131	1·058	·902	·734	·635	·521	·531	·596	·759	·948	1·043	1·142	·833
Sutna	1·140	1·050	·898	·727	·621	·507	·521	·589	·778	·964	1·063	1·164	·835
Indore	1·069	1·004	·895	·758	·665	·575	·591	·656	·812	·959	1·020	1·116	·843
Bickaneer	1·098	1·030	·849	·684	·569	·431	·399	·473	·686	·856	·962	1·058	·758
Jeypore	1·137	1·063	·903	·750	·640	·527	·528	·595	·781	·961	1·051	1·147	·840
Sambhar	1·126	1·053	·898	·745	·636	·534	·513	·585	·783	·958	1·054	1·153	·837
Ajmere	1·145	1·066	·908	·761	·654	·556	·540	·612	·804	·984	1·081	1·171	·857
Pachpadra	?	?	?	?	?	·537	·519	·598	·814	·955	1·044	1·128	?
Jacobabad	1·111	1·053	·879	·711	·580	·432	·398	·490	·716	·918	1·022	1·129	·787
Hyderabad	1·105	1·040	·893	·777	?	?	?	?	?	?	1·036	1·108	?
Kurrachee	1·079	1·035	·928	·816	·695	·555	·526	·591	·806	·932	1·005	1·107	·840
Bhuj	1·071	1·030	·931	·823	·717	·592	·572	·628	·830	·932	·995	1·094	·851
Rajkot	1·046	1·020	·932	·833	·738	·621	·592	·638	·822	·928	·974	1·071	·851
Deesa	1·045	1·004	·905	·783	·684	·576	·557	·610	·813	·921	·991	1·075	·830
Surat	?	1·006	·940	·849	·781	·676	·651	·696	·862	·931	·939	1·022	?
Malegaon	1·076	1·008	·924	·813	·731	·657	·673	·710	·829	·949	·988	1·085	·870
Bombay	1·024	1·001	·940	·862	·809	·714	·733	·769	·881	·916	·934	1·009	·883
Poona	1·055	·983	·915	·815	·769	·705	·740	·767	·873	·933	·952	1·052	·880
Sholapur	1·048	·983	·885	·768	·714	·691	·722	·745	·830	·922	·963	1·060	·861
Ratnagiri	1·009	1·001	·936	·856	·808	·749	·788	·820	·889	·908	·922	·991	·890
Belgaum	1·013	·976	·916	·830	·776	·802	·798	·824	·866	·904	·922	1·004	·886
Karwar	1·003	·985	·937	·864	·816	·796	·831	·855	·894	·906	·912	·972	·898

Stations.	January.	February	March.	April.	May.	June.	July.	August	September	October	November	December.	Year.
	29+	29+	29+	29+	29+	29+	29+	29+	29+	29+	29+	29+	29+
Gopalpur	1·063	·990	·897	·755	·703	·574	·582	·613	·751	·921	·999	1·075	·827
Vizagapatam	1·051	·990	·911	·787	·720	·599	·636	·669	·779	·922	·984	1·059	·842
Rajahmundry	1·044	·993	·915	·798	·724	·620	·668	·696	·769	·899	·964	1·037	·844
Masulipatam	1·042	1·020	·953	·819	·731	·645	·692	·719	·779	·905	·955	1·032	·858
Secunderabad	1·057	·989	·849	·790	·732	·671	·717	·738	·811	·928	·980	1·075	·866
Kurnool	1·037	·977	·884	·778	·695	·702	·742	·761	·813	·907	·966	1·047	·859
Bellary	1·040	·985	·846	·798	·757	·737	·776	·795	·841	·919	·961	1·045	·879
Mangalore	1·007	·992	·944	·879	·832	·848	·880	·899	·915	·924	·924	·974	·918
Bangalore	1·083	1·031	·944	·855	·801	·801	·845	·868	·889	·953	·974	1·047	·924
Cuddapah	?	?	?	·798	·757	·705	·745	·772	·819	·912	·954	1·037	?
Madras	1·045	1·012	·942	·837	·763	·727	·766	·790	·824	·898	·946	1·016	·881
Salem	1·042	1·017	·941	·839	·794	·803	·833	·847	·882	·958	·970	1·048	·915
Calicut	·991	·982	·934	·870	·833	·860	·895	·906	·906	·909	·917	·953	·913
Coimbatore	1·050	1·011	·952	·862	·823	·856	·874	·878	·892	·949	·964	1·027	·928
Trichinopoly	1·053	1·026	·966	·850	·790	·782	·797	·808	·830	·901	·928	·999	·894
Negapatam	1·021	1·001	·943	·843	·785	·764	·798	·815	·844	·902	·936	·983	·886
Madura	1·010	·989	·931	·839	·776	·779	·805	·813	·836	·898	·921	·978	·865
Cochin	·980	·965	·926	·863	·829	·874	·906	·913	·909	·912	·915	·947	·912
Colombo	·976	·964	·932	·874	·846	·881	·905	·913	·918	·905	·912	·941	·914
Jaffna	1·012	·996	·940	·851	·788	·788	·818	·833	·860	·902	·917	·970	·890
Trincomalee	1·009	·994	·936	·841	·782	·784	·808	·819	831	·874	·899	·944	·877
Batticaloa	1·001	·989	·944	·860	·811	·808	·830	·842	·858	·884	·899	·945	·889
Galle	·980	·965	·937	·873	·845	·879	·899	·911	·918	·910	·913	·932	·914
Kandy	·997	·974	·933	·876	·850	·885	·912	·912	·928	·924	·931	·981	·925
Akyab	1·038	·988	·928	·857	·787	·649	·690	·713	·811	·911	·965	1·022	·863
Thayetmyo	·989	·956	·861	·778	·738	·649	·716	·727	·800	·902	·958	1·010	·840
Toungoo	1·004	·944	·877	·797	·740	·666	·749	·755	·806	·905	·949	1·001	·849
Bassein	1·012	·974	·925	·856	·787	696	·777	·785	·816	·913	·952	·996	·874
Diamond Island	1·032	·997	·954	·884	·819	·728	·791	·808	·830	·903	·953	1·002	·892
Rangoon	1·025	·982	·925	·844	·807	·735	·802	·808	·829	·925	·961	1·006	·888
Moulmein	·991	·956	·896	?	·812	·756	·817	·831	·850	·931	?	·992	?
Mergui	·933	·952	·928	·865	·832	·819	·858	·868	·861	·908	·921	·945	·891
Port Blair	·994	·980	·954	·895	·841	·789	·836	·835	·859	·914	·927	·963	·899
Nancowry	·983	·974	·938	·919	·887	·825	·838	·861	?	?	?	?	?

TABLE IX.—DIRECTION AND FREQUENCY OF WINDS IN 1888. (127 STATIONS).

1.—BAGDAD (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours	16 hours.	Total.	10 hours	16 hours.	Total.	10 hours	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	2	2	4	2	2	4	...	...	...	1	2	3	3	5	...	...	...	...	...	...	...	...	...	4	2	6	10	7	17	8	8	16	10	13	23
North-East	1	1	2	1	1	2	1	..	1	1	...	1	2	5	1	...	1	...	...	...	...	...	...	2	2	4	8	5	13	1	1	2	2	3	5
East	...	...	...	2	2	4	6	6	12	4	4	8	1	2	3	...	...	1	...	1	...	...	...	2	1	3	...	2	2	2	2	4	4	2	6
South-East	6	5	11	7	4	11	1	1	2	4	5	9	2	2	...	...	...	...	1	1	...	...	1	1	1	2	2	2	4	...	2	2	2	2	4
South	1	2	3	1	1	2	..	...	...	2	1	3	3	4	7	3	7	10	8	9	17	6	12	18	4	3	7	2	2	4	1	2	3	3	2	5
South-West	...	...	..	1	2	3	6	5	11	3	3	6	12	13	25	20	19	39	18	19	37	18	16	34	4	7	11	...	2	2	2	3	5	1	2	3
West	6	6	12	11	8	19	13	16	29	9	8	17	9	3	9	5	3	8	3	2	5	6	2	8	6	6	12	2	2	4	6	6	12	5	3	8
North-West	15	15	30	4	9	13	4	3	7	6	7	13	4	2	6	1	1	2	1	..	1	1	...	1	5	4	9	8	10	18	8	6	14	6	4	10
Calm	...	...	.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.	...	...	1	1	2	4	6	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

2.—ADEN (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	..	..	...	...	...	...	..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	..	.	...	1	...	1	...	...	...	...	...	...	1	1	
North-East	12	5	17	6	4	10	9	6	15	8	6	14	5	3	8	...	...	...	2	..	2	2	...	2	6	2	8	7	4	11	10	5	15	10	2	12
East	17	8	25	18	9	27	16	7	23	17	9	26	8	2	10	2	...	2	...	...	.	2	...	2	5	6	11	13	9	22	15	9	24	14	6	20
South-East	...	8	8	1	11	12	2	10	12	...	6	6	1	4	5	4	4	8	4	14	18	7	18	25	2	7	9	3	7	10	3	7	10	4	12	16
South	...	1	1	...	2	2	...	4	4	...	...	...	4	13	17	9	12	21	8	8	16	8	6	14	6	6	12	1	5	6	1	2	3	1	2	3
South-West	..	3	3	...	...	...	1	...	1	...	3	3	3	3	6	9	13	22	15	8	23	11	4	15	5	5	10	2	2	4	...	2	2	...	2	2
West	...	1	1	...	...	...	...	..	...	...	...	...	1	1	2	2	1	3	1	...	1	1	1	2	1	..	1	2	...	2	...	2	2	...	1	1
North-West	1	..	1	...	...	...	1	...	1	1	...	1	1	1	.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Calm	1	5	6	1	2	3	2	4	6	5	5	10	9	4	13	4	...	4	...	1	1	...	2	2	4	4	8	3	4	7	1	3	4	2	5	7
Variable	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

3.—BUSHIRE (*2 observations daily*).

	JANUARY			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	8	2	10	2	2	4	4	1	5	...	...	...	3	...	3	1	...	1	1	...	1	...	...	...	2	...	2	1	...	1	1	...	1	3	...	3
North-East	9	2	11	10	2	12	7	2	9	2	3	5	...	1	1	1	...	1	...	...	...	3	...	3	7	...	7	11	...	11	13	...	13	14	6	20
East	1	3	4	2	..	2	...	1	1	5	2	7	4	2	6	2	...	2	1	...	1	3	...	3	2	...	2	2	...	2	3	...	3	2	2	4
South-East	6	2	8	4	1	5	2	...	2	3	4	7	1	2	3	..	...	..	2	...	2	3	...	3	2	...	2	3	1	4	5	1	6	6	6	12
South	...	2	2	2	3	5	1	2	3	1	3	4	1	1	2	...	1	1	1	1	2	...	...	...	...	...	...	2	...	2	2	6	8	...	...	...
South-West	...	...	..	1	1	2	...	1	1	4	2	6	2	1	3	2	...	2	7	3	10	4	1	5	3	6	9	6	6	12	1	3	4	...	...	...
West	...	2	2	2	3	5	4	4	8	2	4	6	3	8	11	...	2	2	5	14	19	2	13	15	2	8	10	1	7	8	...	1	1	...	...	...
North-West	7	18	25	6	17	23	12	20	32	13	12	25	17	16	33	24	27	51	14	13	27	16	17	33	12	16	28	5	17	22	5	19	24	6	17	23
Calm	...	...	...	...	...	...	...	...	.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

TABLE IX.—DIRECTION AND FREQUENCY OF WINDS IN 1888.

4.—AMINI DIVI (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	6	8	14	16	12	28	14	10	24	9	5	14	5	3	8	...	...	...	...	...	...	...	...	...	4	2	6	9	7	16	10	10	20	17	15	32
North-East	6	5	11	6	1	7	1	...	1	...	..	..	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	2	3	5	5	3	8	7	6	13
East	1	...	1	..	...	.	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	2	...	1	1	1	...	1
South-East	2	3	5	...	1	1	...	..	...	1	1	2	...	...	...	1	...	1	...	..	..	...	...	...	...	...	...	3	...	3	3	...	3	3	1	4
South	3	1	4	...	...	...	...	1	1	2	1	3	...	...	...	2	...	2	1	1	1	1	...	1	...	...	...	1	...	1	1	3	4	...	...	...
South-West	...	1	1	...	...	...	1	2	3	..	1	1	2	3	5	18	20	38	19	20	39	24	24	48	5	4	9	6	6	12	4	5	9	...	1	1
West	...	...	...	1	...	1	2	2	4	2	3	5	3	6	9	7	8	15	9	10	19	6	7	13	9	13	22	3	4	7	3	3	6	1	...	1
North-West	13	9	22	5	14	19	10	16	26	16	18	34	19	18	37	2	2	4	2	1	3	...	...	...	10	10	20	4	4	8	3	2	5	2	5	7
Calm	...	4	4	1	1	2	2	...	2	...	1	1	2	...	2	...	...	..	...	...	...	...	...	...	2	1	3	2	6	8	1	3	4	...	3	3
Variable	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

5.—QUETTA (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	4	3	7	4	3	7	4	3	7	10	2	12	1	1	2	...	...	...
North-East	1	1	2	1	...	1	1	1	2	1	...	1	1	...	1	...	...	...
East	...	1	1	...	...	...	1	...	1	...	...	...	1	1	2	...	...	...
South-East	...	1	1	1	2	3	...	...	...	...	...	...	...	...	...	...	...	...
South	2	3	5	1	1	2	1	1	2	...	...	...	1	1	2	...	...	...
South-West	2	3	5	5	4	9	5	6	11	3	3	6	...	1	1	1	...	1
West	2	4	6	8	14	22	6	14	20	4	15	19	9	13	22	10	16	26
North-West	...	2	2	4	5	9	5	5	10	7	8	15	5	8	13	3	12	15
Calm	20	13	33	5	...	5	8	1	9	5	2	7	13	6	19	16	2	18
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

	JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	1	1	2	2	2	4	2	4	6	1	1	2	1	3	4	1	5	6
North-East	...	...	...	...	...	...	...	...	...	...	1	1	..	...	...	...	...	...
East	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
South-East	...	...	...	...	...	...	...	...	...	..	...	...	1	1	2	1	...	1
South	3	...	3	...	...	...	...	...	...	2	...	2	3	1	4	1	1	2
South-West	2	2	4	1	3	4	...	...	...	...	1	1	1	2	3	3	4	7
West	3	16	19	5	17	22	3	13	16	3	19	22	3	9	12	3	9	12
North-West	3	8	11	3	8	11	5	13	18	3	8	11	2	9	11	...	8	8
Calm	19	4	23	20	1	21	20	...	20	22	1	23	19	5	24	21	4	25
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

TABLE IX.—DIRECTION AND FREQUENCY OF WINDS IN 1888.

6.—LEH (*4 observations daily*).

	January.					February.					March.					April.					May.					June.				
	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.
North	1	...	1	...	2	...	2	1	...	3	...	...	5	...	5	...	3	3	...	6	...	2	5	2	9	2	2	2	2	8
North-East	3	3	2	3	11	8	4	2	5	19	14	2	6	8	30	5	2	4	10	21	9	2	5	12	28	10	2	4	2	18
East	13	8	...	12	33	10	4	1	16	31	12	2	1	11	26	10	2	3	6	21	8	4	2	1	15	11	1	2	7	21
South-East	5	4	...	3	12	3	3	...	...	6	2	1	...	1	4	3	2	1	...	6	1	3	...	...	4	3	2	2	1	8
South	1	3	4	1	9	1	8	6	..	15	.	7	1	2	10	2	8	1	2	13	2	8	1	2	13	1	2	...	1	4
South-West	5	5	19	10	39	5	4	12	5	26	3	13	5	5	26	7	7	5	7	26	8	7	2	5	22	2	7	7	5	21
West	..	2	3	...	5	...	2	4	...	6	...	4	5	1	10	...	4	6	1	11	...	3	9	4	16	...	12	8	2	22
North-West	...	2	2	2	6	1	...	2	1	4	...	1	7	3	11	2	2	7	4	15	2	2	7	5	16	...	2	5	9	16
Calm	3	4	..	...	7	1	2	1	2	6	...	1	1	...	2	1	...	...	...	1	1	...	...	...	1	1	...	...	...	2
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

	July.					August.					September.					October.					November.					December.				
	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.
North	...	...	2	1	3	...	...	1	2	3	...	...	...	2	2	1	...	...	...	1	1	1	...	...	2	1	...	...	2	3
North-East	9	3	2	5	19	6	2	...	2	10	2	...	1	4	7	6	...	2	3	11	8	1	...	3	12	7	...	...	5	42
East	13	1	3	6	23	17	...	2	10	29	11	...	1	10	22	20	1	2	13	36	19	1	1	19	40	19	1	...	16	36
South-East	...	...	...	...	...	1	2	1	3	7	...	...	...	...	...	1	1	...	2	4	...	...	1	...	1	2	...	...	4	6
South	1	7	1	...	9	2	1	1	1	5	16	7	1	1	25	...	4	1	...	5	...	2	6	1	9	...	7	3	1	11
South-West	5	14	8	5	32	3	18	5	3	29	1	15	11	2	30	3	21	16	2	42	2	21	13	5	41	1	20	18	2	41
West	..	5	11	7	23	1	6	12	7	26	...	8	11	6	25	...	3	9	6	18	...	3	5	2	10	..	2	7	...	9
North-West	1	1	4	6	12	...	1	9	3	13	...	...	5	5	10	..	1	1	3	5	...	...	3	...	3	...	...	3	...	3
Calm	2	...	...	1	3	1	1	...	...	2	...	.	...	...	...	...	...	...	2	2	...	1	1	...	2	1	1	...	1	3
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

7.—MOOLTAN (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	2	...	2	1	...	1	2	1	3	...	2	2	1	...	1	...	1	1	...	...	...	...	1	1	...	...	...	...	...	...	...	1	1	...	1	1
North-East	7	7	14	6	4	10	3	3	6	7	3	10	...	2	2	1	...	1	4	2	6	6	3	9	...	...	...	4	4	8	6	4	10	4	2	6
East	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South-East	5	1	6	2	2	4	3	1	4	...	...	...	6	3	9	7	3	10	3	2	5	2	...	2	1	...	1	3	2	5	10	2	...	2	...	...
South	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	2	2	...	1	1	...	...	...	1	2	3	...	1	1	1	...	1	...	...	...
South-West	3	6	9	7	8	15	9	7	16	7	5	12	10	16	26	11	12	23	21	16	37	18	18	36	26	25	51	18	17	35	6	13	19	11	13	24
West	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
North-West	1	2	3	6	5	11	10	10	20	12	17	29	6	7	13	4	7	11	...	6	6	5	4	9	1	...	1	2	1	3	4	3	7	5	8	13
Calm	12	15	27	7	10	17	4	9	13	4	3	7	7	3	10	7	4	11	3	4	7	...	5	5	1	3	4	4	8	12	8	4	12	9	7	16
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

8.—Dera Ismail Khan (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	6	2	8	3	..	3	4	1	5	1	1	2	3	2	5	...	2	2	...	...	...	1	...	1	...	...	..	3	1	4	2	1	3	1	3	4
North-East	4	7	11	3	8	11	4	9	13	12	14	26	17	17	34	17	18	35	23	16	39	19	13	32	17	7	24	7	11	18	4	5	9	5	4	9
East	2	1	3	3	2	5	1	...	1	1	3	4	..	3	3	4	2	6	2	3	5	3	5	8	2	3	5	2	2	4	1	2	3	...	7	7
South-East	...	6	6	2	7	9	1	7	8	...	3	3	...	3	3	1	3	4	5	7	12	4	8	12	2	10	12	...	3	3	...	1	1	...	...	...
South	3	...	3	3	...	3	2	.	2	...	..	...	...	1	1	1	...	1	...	...	...	...	...	...	1	1	2	...	4	4	.	5	5	1	2	3
South-West	2	4	6	1	1	2	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	1	3	6	2	8
West	1	1	2	2	...	2	3	1	4	2	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	2	5	2	7	5	1	6
North-West	9	8	17	9	10	19	15	12	27	9	3	12	8	4	12	...	...	...	...	...	..	...	...	...	...	...	...	7	1	8	5	1	6	7	1	8
Calm	4	2	6	3	1	4	1	1	2	5	5	10	3	1	4	7	5	12	1	5	6	4	5	9	8	9	17	11	8	19	11	12	23	6	11	17
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

9.—Peshawar (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	1	2	3	2	2	4	2	6	8	4	9	13	7	9	16	3	3	6	8	2	10	7	5	2	7	5	12	4	4	8	2	3	5	1	2	3
North-East	1	4	5	3	4	7	5	6	11	7	9	16	9	7	16	11	4	15	14	16	30	12	15	27	13	15	28	6	5	11	2	2	4	3	1	4
East	3	8	11	3	5	8	6	4	10	4	4	8	2	6	8	11	6	17	3	3	6	4	6	10	5	4	9	6	6	12	2	2	4	1	1	2
South-East	4	1	5	4	3	7	1	1	2	1	1	2	...	2	2	...	3	3	...	2	2	...	1	1	1	...	1	2	...	2	...	1	...	1	6	1	7
South	3	2	5	1	2	3	4	2	6	1	1	2	...	1	1	1	2	3	...	1	1	1	1	2	...	...	...	1	1	2	1	1	2	7	3	10
South-West	...	4	4	2	1	3	1	...	1	1	1	2	1	...	1	...	3	3	...	3	3	1	1	2	...	...	...	2	1	3	1	1	2	5	5	10
West	3	4	7	3	4	7	...	5	5	...	2	2	1	4	5	1	6	7	...	2	2	1	1	2	...	...	...	2	2	4	5	5	10	3	3	6
North-West	2	2	4	3	6	9	4	5	9	8	3	11	6	2	8	2	2	4	6	...	6	3	1	4	2	3	5	2	3	5	3	8	11	...	4	4
Calm	14	4	18	8	2	10	8	2	10	4	...	4	5	...	5	1	1	2	...	2	2	2	...	2	2	3	5	6	9	15	13	8	21	5	11	16
Variable	..	...	..	...	...	...	..	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

10.—Murree (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	...	...	...	...	1	1	..	...	...	2	...	2	...	1	1	1	...	1	...	.	...	...	...	...	1	...	1	3	...	3	1	...	1	...	...	...
North-East	1	1	2	...	...	...	...	3	3	...	...	...	1	2	3	1	...	1	..	...	...	...	1	1	...	...	...	...	1	1	2	2	1	...	...	...
East	1	2	3	2	...	2	1	2	3	1	4	5	3	1	4	..	1	1	...	...	...	...	1	1	...	...	...	...	1	1	2	2	1	3	1	1	2
South-East	16	13	29	16	18	34	17	12	29	12	6	18	6	5	11	11	8	19	9	14	23	10	11	21	5	7	12	8	8	16	13	12	25	19	16	35
South	2	1	3	3	2	5	1	4	5	3	3	6	2	1	3	5	3	8	3	5	8	...	3	3	2	6	8	1	1	2	2	5	7	1	1	2
South-West	...	...	...	...	...	...	...	...	...	..	...	...	1	2	3	...	1	1	...	...	...	...	...	...	...	...	...	1	2	3	2	1	3	...	...	...
West	...	1	1	...	...	...	...	1	1	2	7	9	...	3	3	1	4	5	...	3	3	...	...	...	1	6	7	...	3	3	...	3	3	...	1	1
North-West	2	3	5	1	2	3	2	7	9	6	8	14	3	6	9	1	4	5	2	1	3	10	2	12	5	4	9	6	3	9	6	4	10	1	4	5
Calm	9	10	19	7	6	13	10	2	12	4	2	6	15	10	25	10	9	19	17	8	25	10	14	24	15	6	21	11	10	21	4	4	8	9	8	17
Variable	...	...	..	...	...	...	...	...	..	...	...	...	...	...	.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.	...	...

11.—RAWALPINDI (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	2	2	4	1	3	4	3	4	7	5	4	9	7	1	8	2	5	7	...	1	1	...	2	2	...	2	2	1	3	4	1	...	1	1	2	3
North-East	3	2	5	8	..	8	1	1	2	3	3	6	4	3	7	3	...	3	4	3	7	...	3	3	...	1	1	4	5	9	...	1	1	1	..	1
East	2	1	3	...	2	2	...	1	1	2	...	2	1	...	1	2	1	3	3	2	5	3	2	5	1	1	2	..	...	...	...	...	...	...	...	...
South-East	3	1	4	...	2	2	2	4	6	4	1	5	6	3	9	6	6	12	10	9	19	22	12	34	13	6	19	2	...	2	1	...	1	1	1	2
South	1	1	2	...	2	2	...	...	...	2	...	2	2	...	2	2	1	3	2	2	4	3	3	6	3	1	4	1	..	1	1	...	1	...	...	...
South-West	4	4	8	3	1	4	1	4	5	...	...	...	7	10	17	6	7	13	6	10	16	1	1	2	5	8	13	4	5	9	3	7	10	5	6	11
West	4	3	7	1	1	2	1	2	3	1	1	2	...	1	1	1	1	2	...	2	2	1	...	1	2	1	3	4	3	7	2	...	2	1	2	3
North-West	4	13	17	13	15	28	17	15	32	12	21	33	4	13	17	4	9	13	2	1	3	..	2	2	3	7	10	5	9	14	10	17	27	17	17	34
Calm	8	4	12	3	4	7	6	...	6	1	...	1	...	...	...	4	...	4	4	1	5	1	6	7	1	2	3	9	5	14	12	5	17	5	3	8
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

12.—SIALKOT (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	5	6	11	6	1	7	2	2	4	10	4	14	6	4	10	5	6	11	1	3	4	3	3	6	3	1	4	4	4	8	3	2	5	3	...	3
North-East	6	1	7	6	...	6	4	1	5	4	2	6	4	...	4	2	1	3	1	2	3	3	2	5	3	...	3	5	1	6	4	3	7	2	1	3
East	5	1	6	2	2	4	7	5	12	2	2	4	14	3	17	11	5	16	12	12	24	10	9	19	5	2	7	4	3	7	7	1	8	6	1	7
South-East	3	...	3	2	1	3	3	...	3	3	1	4	1	2	3	2	...	2	2	1	3	1	...	1	1	2	3	...	...	...	1	1	2	1	...	1
South	2	1	3	1	2	3	1	3	4	1	...	1	3	2	5	4	3	7	4	5	9	1	...	1	1	...	1	...	...	...	...	...	...	1	1	2
South-West	...	3	3	...	3	3	1	3	4	1	2	3	...	4	4	1	...	1	...	...	...	...	1	1	...	1	1	...	2	2	...	2	2	...	1	1
West	2	15	17	6	12	18	4	12	16	1	11	12	1	12	13	5	9	14	2	5	7	1	2	3	...	4	4	1	6	7	3	5	8	8	16	24
North-West	3	2	5	3	3	6	4	...	4	6	5	11	2	3	5	...	2	2	...	1	1	...	2	2	2	2	4	2	3	5	3	1	4	3	3	6
Calm	5	2	7	3	5	8	5	5	10	2	3	5	..	1	1	...	4	4	9	2	11	12	12	24	15	18	33	15	12	27	9	15	24	7	8	15
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

13.—LAHORE (*4 observations daily*).

	JANUARY.					FEBRUARY.					MARCH.					APRIL.					MAY.					JUNE.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	3	6	3	2	14	...	9	7	...	16	4	10	7	2	23	2	11	5	3	21	...	1	3	2	6	1	5	5	3	14
North-East	...	1	1	...	2	2	2	1	...	5	4	1	3	3	11	3	3	4	4	14	2	2	2	2	8	3	3	2	...	8
East	...	...	1	...	1	...	2	1	2	5	4	2	2	1	9	2	2	...	1	5	2	4	1	4	11	7	5	3	8	23
South-East	...	1	...	...	1	...	...	1	1	2	...	5	2	...	7	2	1	1	...	4	3	7	3	...	13	3	3	5	1	12
South	...	2	...	...	2	...	...	...	...	...	...	3	...	...	3	...	4	3	...	7	...	1	3	1	5	...	3	3	...	6
South-West	...	1	3	...	4	1	...	...	...	1	...	1	...	...	1	...	1	...	...	1	...	2	1	...	3	3	5	3	4	15
West	...	9	11	...	20	2	3	6	2	13	1	2	6	...	9	...	2	9	2	13	1	3	6	1	11	2	4	3	2	11
North-West	...	8	10	...	18	2	9	9	...	20	3	5	7	1	16	2	5	8	3	18	...	1	6	...	7	1	...	4	...	5
Calm	28	3	2	29	62	22	4	4	24	54	15	2	4	24	45	19	1	...	17	37	23	10	6	21	60	10	2	2	12	26
Variable	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

13.—LAHORE (*4 observations daily*)—continued.

	JULY.				AUGUST.					SEPTEMBER.					OCTOBER.					NOVEMBER.					DECEMBER.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	...	1	2	1	4	1	...	2	...	3	...	4	...	...	4	4	7	6	...	17	...	5	2	...	7	1	3	6	1	11
North-East	5	5	3	3	16	2	3	1	1	7	2	1	2	...	5	...	1	1	1	3	1	...	1	...	2	...	2	1	...	3
East	10	7	3	10	30	5	5	4	3	17	2	2	1	2	7	1	...	...	...	1	...	1	1	...	2	1	1	1	1	4
South-East	1	8	6	4	19	1	8	3	8	20	2	5	2	3	12	...	1	2	...	3	1	3	1	...	5	...	3	1	...	4
South	5	2	4	1	12	6	2	3	3	14	1	1	4	...	6	...	3	1	...	4	...	5	...	...	5	...	1	...	...	1
South-West	2	1	1	...	4	2	3	2	...	7	1	4	5	...	10	...	...	1	...	1	...	1	2	...	3	...	...	...	...	...
West	...	4	5	1	10	...	2	4	...	6	1	9	12	...	22	1	6	4	...	11	...	4	9	...	13	1	5	6	...	12
North-West	...	1	2	...	3	1	4	3	...	8	1	2	1	...	4	...	5	2	..	7	...	4	2	...	6	...	6	4	...	10
Calm	8	2	5	11	26	13	4	9	16	42	20	2	3	25	50	25	8	14	30	77	28	7	12	30	77	28	10	12	29	79
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

14.—LUDHIANA (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	1	...	1	3	2	5	1	5	6	1	5	6	...	2	2	1	3	4
North-East	...	...	...	1	...	1	...	1	1	1	...	1	...	...	...	2	1	3
East	...	...	...	...	...	...	...	...	...	...	...	...	2	1	3	3	1	4
South-East	...	1	1	1	2	3	1	4	5	1	1	2	3	...	3	3	1	4
South	1	...	1	2	2	4	3	...	3	1	...	1	6	4	10	2	3	5
South-West	...	...	...	...	...	...	...	...	...	...	2	2	1	1	2	...	1	1
West	3	8	11	4	8	12	2	6	8	5	8	13	4	9	13	6	7	13
North-West	6	6	12	8	9	17	5	7	12	7	8	15	1	4	5	3	3	6
Calm	20	16	36	10	6	16	19	8	27	14	6	20	14	10	24	10	10	20
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

	JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	...	...	...	1	1	2	2	7	9	8	6	14	1	11	12	4	7	11
North-East	...	...	...	...	...	...	1	2	3	4	2	6	...	1	1	...	...	...
East	2	1	3	1	3	4	2	1	3	1	...	1	6	...	6	2	1	3
South-East	6	7	13	8	4	12	5	2	7	1	1	2	...	...	...	1	1	2
South	6	1	7	2	...	2	1	...	1	...	...	...	...	1	1	...	...	...
South-West	...	...	...	...	2	2	...	...	...	...	...	...	...	...	...	...	...	...
West	1	...	1	3	...	3	6	7	13	7	6	13	...	4	4	5	4	9
North-West	1	2	3	...	1	1	4	6	10	6	9	15	9	7	16	13	12	25
Calm	15	20	35	16	20	36	9	5	14	4	7	11	14	6	20	6	6	12
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

15.—CHAMBA (*4 observations daily*).

	JANUARY.					FEBRUARY.					MARCH.					APRIL.					MAY.					JUNE.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.
North	...	1	2	...	3	1	4	2	...	7	1	2	1	...	4	1	3	...	...	4	...	5	...	1	6	...	2	2	...	4
North-East	...	...	...	2	2	...	...	...	2	2	3	1	1	1	6	...	...	...	...	...	2	1	2	1	6	1	...	1	2	4
East	14	...	...	11	25	12	...	...	14	26	13	1	1	17	32	10	2	2	15	29	10	1	2	13	26	8	...	...	12	20
South-East	10	3	2	12	27	7	1	2	10	20	10	2	2	9	23	9	...	2	10	21	9	...	1	13	23	6	1	4	11	22
South	...	2	4	1	7	3	1	2	...	6	1	1	...	2	4	1	...	1	1	3	2	...	...	...	2	...	...	1	1	2
South-West	...	...	5	1	6	1	...	3	1	5	...	1	1	...	2	1	1	...	...	2	1	1	1	...	3	...	...	...	...	...
West	...	...	3	1	4	...	2	2	...	4	...	3	3	...	6	...	1	3	...	4	1	1	7	...	9	...	...	5	...	5
North-West	...	8	9	1	18	...	5	13	...	18	...	12	19	1	32	...	14	17	...	31	...	18	17	1	36	1	19	13	1	34
Calm	7	17	6	2	32	4	16	5	2	27	3	8	3	1	15	8	9	5	3	25	6	4	1	2	13	14	8	4	3	29
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

	JULY.					AUGUST.					SEPTEMBER.					OCTOBER.					NOVEMBER.					DECEMBER.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	...	3	2	...	5	1	2	3	1	7	...	1	2	...	3	...	1	...	...	1	...	3	...	...	3	2	...	...	1	3
North-East	...	...	...	2	2	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	1	...	...	1	2	...	1	...	1	2
East	3	...	1	10	14	3	...	...	5	8	7	...	...	12	19	11	...	2	19	32	14	...	...	13	27	11	1	...	12	24
South-East	6	1	1	7	15	3	...	...	9	12	12	1	2	11	26	14	1	3	11	29	10	1	4	12	27	14	2	6	12	34
South	1	...	...	2	3	...	...	...	1	1	1	...	...	1	2	1	...	...	...	1	1	...	...	2	3	1	3	8	2	14
South-West	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	1	...	1	...	1	2	1	4
West	1	1	2	...	4	...	...	4	...	4	...	...	4	...	4	...	...	10	...	10	...	...	2	...	2	...	...	...	...	...
North-West	...	20	21	...	41	4	16	19	1	40	...	6	19	...	25	1	14	3	...	18	...	9	5	...	14	1	4	2	...	7
Calm	20	6	4	10	40	20	13	5	13	51	10	22	3	6	41	4	15	12	1	32	4	17	18	2	41	2	19	13	2	36
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

16.—KAILANG (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	...	1	1	1	1	2	1	...	1	2	...	2	2	...	2	...	1	1	2	1	3	2	6	8	...	2	2	...	2	2	...	...	...	1	2	3
North-East	...	...	...	...	...	...	1	...	1	2	...	2	...	...	...	5	...	5	1	...	1	...	...	...	1	1	2	...	1	1	...	...	...	...	...	...
East	...	1	1	...	...	...	2	...	2	2	...	2	1	1	2	3	1	4	...	...	...	...	...	...	1	1	2	1	...	1	3	3	6	...	3	3
South-East	3	3	6	...	2	2	4	...	4	1	1	2	5	2	7	...	2	2	...	1	1	...	...	...	...	2	2	4	5	9	1	2	3	2	11	13
South	4	2	6	3	4	7	6	2	8	3	5	8	2	3	5	...	2	2	1	...	1	...	...	...	6	3	9	3	8	11	5	6	11	13	2	15
South-West	5	5	10	9	9	18	8	17	25	17	12	29	13	7	20	11	4	15	11	2	13	16	2	18	17	8	25	17	6	23	11	4	15	7	2	9
West	12	8	20	11	9	20	9	11	20	3	11	14	6	12	18	9	15	24	10	15	25	12	13	25	3	7	10	5	7	12	10	9	19	4	8	12
North-West	6	11	17	5	3	8	...	1	1	...	1	1	1	6	7	2	5	7	6	12	18	1	10	11	1	5	6	1	1	2	...	6	6	4	3	7
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

TABLE IX.—DIRECTION AND FREQUENCY OF WINDS IN 1888.

17.—SIMLA (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	6	5	11	1	...	1	1	2	3	...	...	...	...	...	...	...	...	...	...	...	...	1	1	2	1	1	2	1	1	2	2	...	2	1	1	2
North-East	...	...	...	...	...	...	3	...	3	1	...	1	...	...	...	3	2	5	6	1	7	4	1	5	4	4	8	...	2	2	2	1	3	1	3	4
East	2	1	3	6	1	7	...	...	...	2	...	2	...	...	...	1	1	2	3	2	5	6	3	9	11	5	16	19	4	23	9	...	9	13	5	18
South-East	5	...	5	8	7	15	6	2	8	3	...	3	4	3	7	4	5	9	14	11	25	7	2	9	2	1	3	3	1	4	7	7	14	8	5	13
South	3	1	4	3	...	3	1	...	1	...	...	...	3	1	4	...	1	1	1	1	2	1	2	3	...	...	...	...	...	...	2	2	4	2	1	3
South-West	...	...	...	...	2	2	2	4	6	3	5	8	19	22	41	19	19	38	3	8	11	2	10	12	2	2	4	1	2	3	2	5	7	3	12	15
West	2	2	4	2	1	3	1	..	1	8	7	15	...	1	1	1	...	1	2	7	9	8	7	15	9	15	24	5	20	25	6	15	21	3	4	7
North-West	12	20	32	9	18	27	17	23	40	13	18	31	4	4	8	2	2	4	1	1	2	3	5	8	1	2	3	2	1	3	...	...	...	...	...	...
Calm	1	2	3	...	...	...	...	...	...	...	...	...	1	..	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

18.—DELHI (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	...	6	6	3	1	4	1	7	8	2	3	5	3	4	7	...	3	3	2	2	4	1	2	3	1	3	4	1	4	5	1	6	7	...	2	2
North-East	3	2	5	1	2	3	1	9	10	...	3	3	4	2	6	...	3	3	2	10	12	3	6	9	3	4	7	2	2	4	2	6	8	...	1	1
East	..	2	2	2	1	3	1	2	3	1	3	4	2	2	4	1	...	1	3	1	4	3	5	8	4	5	9	3	7	10	4	3	7	...	1	1
South-East	4	1	5	5	4	9	2	1	3	1	...	1	2	...	2	3	2	5	15	11	26	9	7	16	...	1	1	2	1	3	3	...	3	4	1	5
South	..	1	1	...	...	...	4	...	4	...	...	...	...	...	...	2	2	4	3	1	4	2	1	3	...	...	...	1	1	2	...	...	...	...	...	...
South-West	1	1	2	...	...	...	...	...	...	3	...	3	4	...	4	1	2	3	2	2	4	...	...	...	3	1	4	1	...	1	9	6	15	2	1	3
West	20	8	28	10	8	18	14	4	18	13	10	23	12	16	28	20	6	26	3	1	4	9	2	11	13	13	26	14	11	25	5	3	8	18	14	32
North-West	1	10	11	7	13	20	5	8	13	10	11	21	4	7	11	3	12	15	1	2	3	4	7	11	3	1	4	1	5	6	...	4	4	2	8	10
Calm	3	..	3	1	...	1	3	...	3	...	...	...	...	...	...	...	...	...	...	1	1	...	1	1	3	2	5	6	...	6	6	2	8	5	3	8
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

19.—SIRSA (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	5	8	13	4	4	8	1	2	3	3	1	4	...	...	...	...	1	1	...	1	1	1	...	1	2	1	3	4	1	5	3	6	9	4	3	7
North-East	2	2	4	3	1	4	1	1	2	1	...	1	1	...	1	2	1	3	1	1	2	...	...	...	2	1	3	1	4	5	2	1	3	...	1	1
East	3	2	5	3	3	6	3	5	8	3	...	3	...	...	...	...	1	1	2	6	8	3	8	11	1	2	3	2	...	2	...	2	2	...	...	...
South-East	3	1	4	5	...	5	5	...	5	...	...	...	3	...	3	4	...	4	5	5	10	8	3	11	1	2	3	2	1	3	2	...	2	2	1	3
South	1	1	2	...	2	2	2	1	3	2	...	2	2	...	2	3	1	4	4	3	7	1	2	3	1	...	1	1	...	1	4	...	4	1	...	1
South-West	5	1	6	3	...	3	4	2	6	6	5	11	5	6	11	6	10	16	7	6	13	9	10	19	2	3	5	4	4	8	7	3	10	6	...	6
West	3	5	8	1	6	7	7	12	19	9	15	24	16	12	28	11	8	19	8	3	11	6	2	8	13	15	28	8	10	18	5	6	11	7	10	17
North-West	4	10	14	8	13	21	7	8	15	5	8	13	2	12	14	3	6	9	2	5	7	3	3	6	9	4	13	4	10	14	2	9	11	5	44	19
Calm	5	1	6	2	...	2	1	...	1	1	1	2	2	1	3	...	2	2	2	1	3	1	2	3	1	1	2	5	1	6	5	3	8	6	2	8
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

20.—CHAKRATA (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	...	1	1	1	1	2	2	...	2	1	...	1	1	1	2	...	...	...
North-East	8	1	9	3	1	4	4	...	4	4	...	4	3	2	5	2	2	4
East	9	4	13	12	6	18	11	1	12	7	2	9	5	2	7	4	4	8
South-East	2	...	2	...	...	...	3	...	3	1	1	2	2	...	2	...	1	1
South	...	...	...	1	1	2	3	...	3	...	1	1	2	1	3	3	...	3
South-West	2	6	8	...	5	5	3	13	16	5	11	16	5	14	19	5	14	19
West	6	18	24	3	13	16	1	14	15	10	14	24	13	11	24	13	9	22
North-West	...	...	...	...	1	1	...	1	1	...	...	...	...	...	...	2	...	2
Calm	4	1	5	9	1	10	4	1	5	2	1	3	...	...	...	1	...	1
Variable	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...

	JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	...	1	1	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...
North-East	3	7	10	5	2	7	4	...	4	5	...	5	4	2	6	5	1	6
East	6	4	10	5	2	7	8	6	14	10	1	11	6	3	9	5	1	6
South-East	...	1	1	3	1	4	...	...	...	1	2	3	3	...	3	...	...	...
South	1	1	2	1	...	1	...	...	...	1	1	2	...	...	...	...	...	...
South-West	3	7	10	...	4	4	2	2	4	3	4	7	3	7	10	...	2	2
West	13	10	23	12	22	34	12	22	34	1	23	24	6	18	24	1	17	18
North-West	...	...	...	2	...	2	...	...	...	3	...	3	...	...	...	...	...	...
Calm	5	...	5	3	...	3	4	...	4	7	...	7	7	...	7	20	10	30
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

21.—MUSSOOREE, (*4 observations daily*).

	JANUARY.					FEBRUARY.					MARCH.					APRIL.					MAY.					JUNE.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	7	3	...	5	15	8	4	1	8	21	8	6	...	6	20	13	5	...	7	25	11	6	...	13	30	12	8	1	12	31
North-East	9	2	1	11	23	8	7	3	9	27	8	6	1	7	22	12	7	1	5	25	10	6	1	7	24	9	4	2	7	22
East	5	5	1	...	11	1	4	1	2	8	2	3	...	2	7	...	3	...	2	5	...	1	...	...	1	1	2	1	1	5
South-East	2	10	2	5	19	5	5	2	2	14	4	4	...	2	10	...	3	1	1	5	...	5	2	2	9	...	3	2	...	5
South	7	10	24	7	48	4	7	19	6	36	4	11	24	2	41	1	7	22	...	30	4	11	20	1	36	1	7	18	1	27
South-West	...	1	2	2	5	1	1	2	2	6	2	1	6	7	16	1	2	5	7	15	4	1	6	4	15	5	4	4	7	17
West	...	...	...	1	1	2	...	1	...	3	2	...	...	3	5	1	1	...	6	8	1	...	1	3	5	...	1	2	1	4
North-West	1	...	...	...	1	...	1	...	...	1	1	...	...	1	2	2	2	1	1	6	1	1	1	1	4	3	4	1	2	9
Calm	...	...	1	...	1	...	...	...	...	...	...	...	...	1	1	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

21.—MUSSOOREE (*4 observations daily*)—continued.

	JULY.					AUGUST.					SEPTEMBER.					OCTOBER.					NOVEMBER.					DECEMBER.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	2	2	1	2	7	5	2	...	1	8	7	5	1	2	15	12	6	...	12	30	8	3	...	10	21	9	6	3	11	29
North-East	6	4	3	3	16	5	5	1	3	14	5	3	3	4	15	12	5	...	9	26	12	2	2	9	25	13	6	...	9	28
East	1	2	...	2	5	1	4	...	2	7	1	6	1	2	10	...	5	1	...	6	1	4	...	2	7	1	...	...	1	2
South-East	...	4	3	3	10	3	5	3	2	13	4	6	1	1	12	2	5	1	1	9	2	3	1	4	10	2	2	...	4	8
South	12	13	14	10	49	12	12	17	14	55	4	5	17	8	34	2	5	27	4	38	6	15	24	2	47	2	6	16	3	27
South-West	6	4	9	7	26	3	3	7	8	21	6	1	7	7	21	2	1	1	3	7	...	1	3	1	5	2	2	6	...	10
West	1	2	1	4	8	...	...	1	1	2	1	1	...	2	4	...	...	...	1	1	...	...	...	1	1	...	2	1	...	3
North-West	3	...	...	...	3	2	...	1	...	3	1	1	...	3	5	...	2	1	1	4	1	2	...	1	4	...	1	2	...	3
Calm	...	...	...	...	...	...	...	1	...	1	1	...	...	1	2	1	2	...	...	3	...	...	...	...	...	...	4	...	...	4
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

22.—DEHRA (*4 observations daily*).

	JANUARY.					FEBRUARY.					MARCH.					APRIL.					MAY.					JUNE.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	5	2	2	2	11	3	4	2	1	10	6	8	3	4	21	8	9	...	3	20	2	5	...	4	11	2	3	1	1	7
North-East	1	4	...	...	5	4	3	1	...	8	5	6	1	3	15	2	2	...	1	5	1	...	...	...	1	...	1	...	1	2
East	1	1	...	2	4	1	2	...	1	4	6	4	...	1	11	1	1	...	1	3	...	3	1	...	4	1	1	...	...	2
South-East	...	2	...	...	2	1	2	...	...	3	2	3	1	2	8	...	...	2	1	3	2	4	5	3	14	1	1	3	2	7
South	1	1	1	2	5	...	...	4	3	7	1	2	2	4	9	...	1	2	...	3	1	2	7	2	12	2	2	3	1	8
South-West	1	2	11	4	18	1	2	2	3	8	1	2	9	4	16	...	3	6	2	11	6	7	11	9	33	6	10	12	5	33
West	...	2	6	5	13	2	4	8	3	17	5	3	5	7	20	1	5	10	9	25	4	3	5	3	15	7	9	9	9	34
North-West	1	2	6	3	12	8	10	12	10	40	3	3	9	6	21	5	6	9	8	28	...	2	...	...	2	2	2	2	2	8
Calm	21	15	5	13	54	9	2	...	8	19	2	...	1	...	3	13	2	1	5	21	13	3	...	8	24	9	1	...	9	19
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

	JULY.					AUGUST.					SEPTEMBER.					OCTOBER.					NOVEMBER.					DECEMBER.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	2	2	...	...	4	...	1	2	...	3	2	4	3	4	13	1	2	2	2	7	2	5	...	6	13	1	1	...	4	6
North-East	...	1	...	1	2	1	2	2	1	6	...	...	...	...	...	...	...	...	...	...	1	...	2	4	7	1	1	...	...	2
East	2	1	1	..	4	1	2	2	1	6	...	...	...	...	...	...	...	...	...	...	1	2	...	1	4	...	1	...	...	1
South-East	4	7	7	2	20	1	5	3	2	11	...	1	...	...	1	...	1	2	...	3	1	...	1	2	4	1	1	2	...	4
South	3	1	4	1	9	2	9	5	4	20	2	3	4	...	9	1	2	3	5	11	1	4	9	6	20	...	...	5	1	6
South-West	2	1	5	...	8	1	4	7	1	13	1	3	6	2	12	3	5	9	9	26	5	4	7	4	20	...	2	4	1	7
West	1	2	3	...	6	1	1	2	...	4	2	7	7	3	19	7	5	6	7	25	...	...	4	...	4	...	...	10	1	11
North-West	...	...	...	...	...	...	1	1	...	2	5	8	7	7	27	...	2	2	1	5	1	...	2	2	5	...	2	2	3	7
Calm	17	16	11	27	71	21	3	4	19	47	17	3	2	13	35	16	11	3	4	34	17	14	4	4	39	28	23	8	21	80
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

23.—ROORKEE (*4 observations daily*).

	JANUARY.					FEBRUARY.					MARCH.					APRIL.					MAY.					JUNE.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	1	3	5	1	10	1	2	1	1	5	...	...	...	...	...	...	...	...	1	1	...	1	...	...	1	...	...	...	...
North-East	...	2	2	...	4	...	1	...	1	2	...	...	...	...	...	...	...	...	...	...	...	3	2	3	8	...	2	2	...	4
East	...	1	...	1	2	1	1	1	...	3	2	4	3	2	11	2	2	1	1	6	7	5	5	6	23	2	2	...	1	5
South-East	2	1	3	1	7	...	...	2	1	3	1	2	1	2	6	...	7	4	1	12	4	10	4	2	20	3	6	3	1	13
South	3	3	5	2	13	1	2	1	...	4	2	2	3	1	8	1	4	4	1	10	...	1	9	2	12	...	...	2	...	2
South-West	3	4	4	3	14	1	4	2	1	8	1	3	7	2	13	1	4	6	5	16	...	2	3	1	6	1	1	3	4	9
West	2	2	6	1	11	14	13	19	16	62	7	12	15	6	40	12	11	14	8	45	2	2	5	4	13	5	9	14	8	36
North-West	...	...	...	...	...	1	2	3	...	6	...	...	...	...	...	1	1	1	2	5	1	2	3	1	7	3	2	5	5	15
Calm	20	15	6	22	63	10	4	..	9	23	18	8	2	18	46	12	...	...	10	22	17	5	...	12	34	16	8	...	7	31
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

	JULY.					AUGUST.					SEPTEMBER.					OCTOBER.					NOVEMBER.					DECEMBER.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	1	1	3	1	6	2	1	3	2	8	2	1	3	...	6	...	7	10	...	17	1	2	4	1	8	2	3	4	1	10
North-East	...	4	2	...	6	1	1	1	1	4	1	2	1	1	5	1	1	3	1	6	1	3	1	2	7	...	1	...	...	1
East	3	7	5	2	17	1	1	...	...	2	1	3	1	1	6	...	2	1	...	3	1	2	2	2	7	...	...	...	...	...
South-East	6	12	11	8	37	3	14	8	2	27	2	3	1	1	7	2	1	5	1	9	...	4	3	...	7	...	1	...	...	1
South	3	2	3	...	8	2	6	7	3	18	2	3	5	3	13	...	...	...	...	...	1	7	4	...	12	...	3	3	...	6
South-West	1	1	2	1	5	...	...	2	...	2	...	3	2	1	6	...	1	...	...	1	...	3	1	...	4	...	1	...	...	1
West	1	...	1	...	2	...	2	1	..	3	...	1	1	...	2	...	...	...	...	...	...	2	...	...	2	1	1	1	1	4
North-West	2	1	1	...	4	1	1	1	1	4	1	3	6	...	10	1	5	4	1	11	...	4	4	...	8	2	5	7	2	16
Calm	14	3	3	19	39	21	5	7	22	55	21	10	10	23	64	27	14	8	28	77	26	3	11	25	65	17	7	5	18	47
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

24.—RANIKHET (*2 observations daily*).

	JANUARY.			FEBRUARY.		MARCH.			APRIL.		MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	...	...	...	3	2	5	...	...	...	...	...	1	...	1	1	...	1	1	2	...	1	1	...	...	...	...	...	...	...	...	...	1	1
North-East	...	...	...	...	...	...	...	...	...	2	2	...	1	1	1	...	1	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...
East	9	10	19	4	2	6	7	3	10	2	...	2	5	1	6	2	...	2	5	...	5	3	1	4	6	4	10	2	1	3	5	3	8	1	...	1
South-East	4	2	6	1	1	2	...	...	...	2	...	2	1	1	2	...	...	...	...	1	...	1	3	...	3	2	2	4	...	...	...	...	...	...	1	...	1
South	1	1	2	4	1	5	2	...	2	1	...	1	1	...	...	...	...	...	...	...	1	1	4	1	5	..	...	...	...	...	...	1	...	1
South-West	3	5	8	6	12	18	9	23	32	9	23	32	16	19	35	6	20	26	2	3	5	4	5	9	7	14	21	8	16	24	4	6	10	...	3	3
West	1	4	5	3	1	4	3	4	7	9	4	13	2	8	10	12	8	20	9	10	19	4	8	12	2	3	5	6	7	13	3	9	14	1	14	15
North-West	1	1	2	...	4	4	1	...	1	2	1	3	2	...	2	2	...	2	1	.	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Calm	12	8	20	8	6	14	9	1	10	5	...	5	3	1	4	6	2	8	12	16	28	17	15	32	9	5	14	15	6	21	13	12	27	27	13	40
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

TABLE IX.—DIRECTION AND FREQUENCY OF WINDS IN 1888.

25.—PITHORAGARH (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	1	...	1	...	...	...	1	...	1	1	...	1	...	...	...
North-East	7	2	9	6	2	8	7	1	8	1	1	2	5	1	6	1	3	4	3	3	6	3	4	7	6	3	9	4	3	7	5	1	6	1	...	1
East	2	2	4	4	...	4	5	...	5	1	...	1	2	...	2	2	...	2	...	...	...	2	1	3	...	1	1	2	...	2	1	...	1	3	...	3
South-East	...	5	5	...	2	2	4	8	12	4	6	10	1	6	7	4	6	10	1	1	2	5	2	7	6	1	7	5	2	7	2	1	3	3	4	7
South	3	8	11	4	6	10	2	5	7	3	...	3	1	3	4	2	4	6	...	3	3	2	4	6	4	2	6	3	7	10	...	5	5	2	11	13
South-West	...	8	8	2	12	14	...	15	15	6	21	27	7	11	18	5	7	12	...	9	10	...	10	10	1	14	15	1	15	16	...	8	8	...	6	6
West	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
North-West	...	...	...	...	1	1	...	...	...	1	1	2	...	1	1	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Calm	19	6	25	13	6	19	13	2	15	14	1	15	15	9	24	16	8	24	22	18	40	18	10	28	13	9	22	15	4	19	21	15	36	22	10	32
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

26.—MEERUT (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	5	3	8	1	1	2	...	...	...	...	...	...	3	...	3	...	1	1	1	1	2	1	1	2	1	3	4	4	2	6	2	1	3	...	...	...
North-East	...	...	...	...	...	...	...	...	...	2	1	3	1	2	3	2	1	3	1	4	5	2	1	3	4	1	5	...	1	1	...	1	1	...	...	...
East	1	1	2	1	1	2	1	1	2	...	...	...	2	2	4	1	1	2	6	4	10	9	7	16	2	1	3	3	1	4	4	1	5	1	...	1
South-East	2	3	5	5	3	8	3	2	5	1	1	2	7	...	7	2	2	4	15	10	25	5	4	9	8	3	11	2	...	2	3	...	3	2	...	2
South	3	...	3	...	...	...	...	...	...	...	...	...	1	2	3	...	2	2	1	1	2	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...
South-West	...	...	...	1	1	2	...	...	...	1	1	2	7	3	10	4	4	8	3	2	5	1	2	3	...	...	...	...	...	...	...	...	...	...	...	...
West	...	...	...	1	...	1	...	...	...	...	...	...	3	4	7	5	13	18	...	2	2	4	7	11	8	7	15	6	5	11	6	8	14	18	11	29
North-West	13	15	28	20	21	41	21	25	46	22	24	46	10	14	24	10	7	17	...	1	1	3	3	6	1	4	5	4	7	11	6	7	13	7	13	20
Calm	7	9	16	1	2	3	5	2	7	5	4	9	4	8	12	2	...	2	4	3	7	3	5	8	4	9	13	12	15	27	9	12	21	3	7	10
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

27.—BAREILLY (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	1	...	1	3	3	6	3	1	4	1	2	3	1	3	4	4	1	5	2	1	3	2	...	2	1	...	1	2	...	2	1	1	2	...	1	1
North-East	...	...	...	3	2	5	...	...	...	...	...	...	1	...	1	1	1	2	1	3	4	1	1	2	...	...	...	1	1	2	...	...	...	...	...	...
East	2	...	2	1	...	1	1	...	1	1	...	1	3	...	3	1	...	1	5	3	8	4	1	5	4	3	7	1	...	1	1	...	1	...	...	...
South-East	3	2	5	1	...	1	3	1	4	8	2	10	12	1	13	2	...	2	13	7	20	11	7	18	4	1	5	2	...	2	2	1	3	1	1	2
South	...	...	...	...	...	...	...	...	...	...	...	...	1	1	2	1	...	1	1	1	2	1	...	1	1	...	1	...	...	...	...	...	...	...	...	...
South-West	...	2	2	...	2	2	2	2	4	1	1	2	1	3	4	2	1	3	1	1	2	...	1	1	1	...	1	...	...	...	...	...	...	...	...	...
West	6	8	14	3	6	9	5	5	10	3	5	8	...	5	5	5	7	12	1	...	1	...	2	2	2	2	4	1	1	2	1	...	1	4	2	6
North-West	8	10	18	14	14	28	10	22	32	11	19	30	5	10	15	9	16	25	2	4	6	2	...	2	5	6	11	4	6	10	4	7	11	4	9	13
Calm	11	9	20	4	2	6	7	...	7	5	1	6	7	8	15	5	4	9	6	11	17	10	19	29	13	18	31	20	23	43	21	21	42	22	18	40
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

28.—AGRA (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	5	7	12	3	3	6	...	2	2	...	...	...	...	3	3	4	5	9
North-East	1	2	3	1	1	2	...	2	2	...	...	...	1	...	1	2	1	3
East	3	1	4	6	1	7	2	1	3	1	...	1	...	1	1	1	...	1
South-East	1	...	1	1	3	4	3	...	3	...	...	...	3	1	4	...	1	1
South	...	...	...	1	...	1	2	1	3	2	1	3	1	...	1	1	2	3
South-West	1	2	3	...	1	1	1	...	1	2	1	3	2	4	6	6	1	7
West	14	10	24	11	7	18	17	13	30	16	11	27	8	6	14	6	10	16
North-West	3	9	12	5	13	18	6	12	18	9	17	26	12	12	24	10	10	20
Calm	3	...	3	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

	JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	1	1	2	4	2	6	...	2	2	2	3	5	2	...	2	...	4	4
North-East	6	6	12	2	2	4	6	3	9	3	3	6	1	5	6	2	3	5
East	7	5	12	3	...	3	2	...	2	...	...	...	...	1	1	...	...	...
South-East	6	6	12	7	9	16	1	1	2	1	2	3	7	5	12	4	...	4
South	2	...	2	1	2	3	1	...	1	1	...	1	...	...	...	...	...	...
South-West	3	1	4	2	1	3	5	1	6	6	1	7	9	...	9	7	2	9
West	3	5	8	3	5	8	4	5	9	3	2	5	2	...	2	1	...	1
North-West	3	7	10	9	10	19	11	18	29	15	20	35	9	19	28	17	22	39
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

29.—LUCKNOW (*4 observations daily*).

	JANUARY.					FEBRUARY.					MARCH.					APRIL.					MAY.					JUNE.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	8	7	6	6	27	7	12	8	6	33	10	12	13	12	47	6	7	7	5	25	4	6	4	4	18	4	6	6	4	20
North-East	2	2	5	...	9	4	4	5	5	18	4	3	3	3	13	3	3	2	2	10	2	1	...	1	4	2	2	3	2	9
East	1	1	1	1	4	1	...	...	...	1	1	1	...	...	2	1	3	...	...	4	2	10	8	1	21	2	3	3	2	10
South-East	...	...	...	...	...	...	...	...	...	...	...	1	1	2	4	...	1	...	1	2	1	3	1	1	6	1	1	1	1	4
South	1	1	...	...	2	...	...	...	...	...	...	...	1	...	1	1	...	4	3	8	1	2	3	1	6	...	1	1	1	2
South-West	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	3	2	5	4	14	1	2	2	...	5	2	1	1	3	7
West	...	1	2	1	4	1	2	1	1	5	2	2	3	2	9	4	4	5	4	17	3	2	4	3	12	3	6	3	2	14
North-West	7	5	7	5	24	5	7	11	11	34	7	8	6	5	26	9	9	7	9	34	4	2	9	4	19	5	2	13	5	25
Calm	12	14	10	17	53	11	4	4	6	25	7	4	4	7	22	3	1	...	2	6	...	4	...	2	6	...	8	...	...	8
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

29.—LUCKNOW (*4 observations daily*)—continued.

	JULY.					AUGUST.					SEPTEMBER.					OCTOBER.					NOVEMBER.					DECEMBER.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	...	1	1	...	2	3	5	4	2	14	1	2	1	1	5	2	3	2	4	11	2	2	3	2	9	...	...	...	...	...
North-East	2	...	1	2	5	4	4	3	4	15	2	2	3	1	8	1	1	1	...	3	...	2	2	1	5	1	...	...	1	2
East	1	2	3	1	7	2	1	4	2	9	4	6	4	4	18	...	...	...	...	...	...	2	...	...	2	...	1	1	...	2
South-East	4	4	2	4	14	1	...	2	1	4	6	5	6	6	23	...	1	...	...	1	1	...	1	1	3	1	1	1	1	4
South	5	4	6	4	19	5	7	2	5	19	3	2	4	2	11	...	1	...	1	2	...	...	...	...	...	1	...	...	...	1
South-West	5	6	3	5	19	3	4	6	1	14	1	4	4	1	10	3	4	3	3	13	4	4	4	3	15	11	12	11	13	47
West	7	10	11	8	36	6	4	3	6	19	5	5	3	5	18	10	9	8	10	37	8	10	10	8	36	10	12	13	10	45
North-West	5	3	4	6	18	5	5	5	5	20	4	3	5	5	17	12	10	14	8	44	4	4	7	5	20	1	1	2	1	5
Calm	2	1	...	1	4	2	1	2	5	10	4	1	...	5	10	3	2	2	5	12	11	6	3	10	30	6	4	3	5	18
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

30.—GORAKHPUR (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	...	...	...	2	1	3	...	1	1	1	1	2	1	...	1	3	4	7	...	...	...	...	2	2	...	1	1	3	4	7	...	...	...	...	1	1
North-East	...	...	...	...	...	...	...	...	...	1	...	1	3	...	3	2	2	4	...	1	1	...	1	1	..	1	1	1	...	1	...	...	...	...	...	...
East	2	2	4	2	2	4	5	3	8	7	8	15	17	11	28	13	4	17	21	17	38	15	12	27	14	8	22	2	2	4	.	...	...	...	...	...
South-East	2	1	3	...	1	1	...	...	...	5	1	6	...	4	4	2	1	3	5	6	11	5	3	8	1	1	2	...	...	.	..	...	...	...	...	...
South	...	1	1	...	2	2	2	1	3	3	...	3	...	3	3	1	1	2	2	2	4	3	5	8	5	3	8	...	...	...	2	2	4	...	...	...
South-West	5	3	8	3	2	5	3	2	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	3	...	...	...	1	...	1	...	...	...
West	15	17	32	16	19	35	15	17	32	11	13	24	4	9	13	5	13	18	1	...	1	2	1	3	4	3	7	9	10	19	10	10	20	16	16	32
North-West	1	...	1	4	2	6	2	5	7	2	2	4	1	2	3	2	3	5	1	...	1	...	...	...	...	1	1	1	1	2	1	1	2	1	...	1
Calm	6	7	13	2	...	2	4	2	6	...	5	5	5	2	7	2	2	4	1	5	6	6	7	13	6	9	15	15	14	29	16	17	33	14	14	28
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

31.—JHANSI (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	7	4	11	5	7	12	5	3	8	6	4	10	3	8	11	3	3	6	2	4	6	3	2	5	6	6	12	3	2	5	1	4	5	1	8	9
North-East	6	7	13	6	6	12	1	...	1	...	..	...	2	...	2	1	2	3	1	4	5	4	2	6	4	1	5	3	5	8	3	7	10	2	6	8
East	2	...	2	2	3	5	1	1	2	...	..	...	1	...	1	...	1	1	2	1	3	1	...	1	1	1	2	...	..	...	2	1	3	...	1	1
South-East	5	3	8	7	1	8	3	2	5	...	...	...	...	...	...	...	...	...	1	1	2	1	1	2	3	2	5	3	1	4	4	3	7	3	...	3
South	1	...	1	2	2	4	4	2	6	...	...	...	1	1	2	1	2	3	2	2	4	3	4	7	3	2	5	3	1	4	4	3	7	3	...	3
South-West	1	1	2	2	...	2	2	1	3	2	4	6	6	3	9	4	3	7	4	8	12	7	8	15	3	1	4	2	...	2	9	1	10	7	3	10
West	1	...	1	...	...	...	3	2	5	1	...	1	2	4	6	2	1	3	5	...	5	...	...	...	...	1	1	4	...	4	2	...	2	1	2	3
North-West	8	16	24	4	10	14	10	20	30	21	22	43	15	11	26	16	16	32	8	11	19	9	11	20	12	15	27	8	13	21	3	6	9	12	9	21
Calm	...	...	..	1	...	1	2	...	2	..	..	..	1	4	5	3	1	4	6	...	6	3	3	6	...	1	1	6	6	12	1	4	5	4	2	6
Variable	...	...	...	...	..	...	...	..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

32.—ALLAHABAD (*4 observations daily*).

	JANUARY.					FEBRUARY.					MARCH.					APRIL.				
	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.
North	3	1	5	1	10	2	1	4	1	8	...	...	1	...	1	1	3	2	3	9
North-East	3	2	...	2	7	...	1	1	1	3	...	...	...	1	1	3	...	...	2	5
East	3	3	3	...	9	...	2	1	...	3	...	1	1	2	4	5	2	1	1	9
South-East	...	2	2	...	4	1	3	...	...	4	1	1	1	...	3	1	2	1	1	5
South	...	2	...	...	2	...	2	...	...	2	1	2	...	1	4	...	2	...	...	2
South-West	3	1	...	...	4	4	2	1	2	9	3	3	...	2	8	2	2	...	2	6
West	7	9	8	3	27	8	6	8	7	29	11	11	5	5	32	9	8	9	4	30
North-West	7	10	12	6	35	9	12	14	11	46	9	12	23	13	57	6	11	17	13	47
Calm	5	1	1	19	26	5	...	...	7	12	6	1	...	7	14	3	...	...	4	7
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

	MAY.					JUNE.				
	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.
North	2	1	8	2	13	...	1	3	1	5
North-East	1	...	1	3	5	...	...	1	2	3
East	12	10	1	5	28	2	1	2	1	6
South-East	2	5	...	...	7	1	...	...	1	2
South	1	1	...	...	2	2	4	...	4	10
South-West	2	1	...	2	5	5	1	...	5	11
West	6	8	7	6	27	13	12	7	8	40
North-West	1	5	14	6	26	3	11	17	5	36
Calm	4	...	...	7	11	4	...	...	3	7
Variable	...	...	...	...	...	...	...	...	...	...

	JULY.					AUGUST.					SEPTEMBER.					OCTOBER.				
	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.
North	1	3	3	3	10	2	2	1	...	5	1	1	3	...	5	1	1	3	1	6
North-East	1	2	1	5	9	2	1	3	3	9	2	2	3	5	12	2	..	2	1	5
East	8	5	8	3	24	7	11	6	4	28	4	6	3	2	15	1	3	2	...	6
South-East	3	3	1	...	7	3	3	2	2	10	...	1	2	...	3	2	2	...	1	5
South	5	5	3	5	18	1	3	1	2	7	1	3	...	2	6	...	4	...	...	4
South-West	3	5	5	6	19	4	2	2	5	13	5	1	...	3	9	1	2	...	2	5
West	4	5	5	3	17	5	4	9	6	24	8	8	8	9	33	8	9	5	4	26
North-West	3	3	4	3	13	5	5	7	2	19	3	8	10	3	24	5	9	16	...	30
Calm	3	..	1	3	7	2	...	...	7	9	6	...	1	6	13	11	1	3	22	37
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

	NOVEMBER.					DECEMBER.				
	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.
North	...	...	3	1	4	1	...	2	...	3
North-East	...	...	3	2	5	...	...	1	...	1
East	3	8	4	...	15	...	...	2	...	2
South-East	4	5	2	1	12	...	1	...	...	1
South	1	4	1	...	6	1	2	...	...	3
South-West	2	5	...	7	7	2	1	1	...	4
West	2	3	2	1	8	6	11	8	2	27
North-West	4	5	14	3	26	5	14	17	7	43
Calm	14	...	1	22	37	16	2	...	22	40
Variable	...	...	...	...	...	...	...	...	...	...

33.—BENARES (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	...	...	...	...	...	1	1	...	1	1	...	1	...	2	2	...	...	...	...	2	2	...	...	...	...	1	1	1	1	2	...	2	2	...	...	...
North-East	...	2	2	1	1	2	...	...	...	...	...	...	5	5	10	...	...	...	2	1	3	5	3	8	1	4	5	1	1	2	...	1	1	...	...	...
East	3	1	4	1	...	1	1	...	1	3	...	3	6	...	6	1	...	1	11	4	15	9	8	17	5	4	9		1	1	3	3	6	...	...	...
South-East	3	2	5	1	...	1	...	...	...	...	...	...	1	...	1	...	...	...	2	1	3	2	1	3	2	...	2	1	...	1	4	1	5	...	...	...
South	1	...	1	...	...	...	...	...	...	...	...	...	1	...	1	1	...	1	2	4	6	1	...	1	...	...	...	2	1	3	...	...	...	...	1	1
South-West	5	1	6	8	1	9	4	2	6	...	...	...	...	...	...	6	1	7	6	5	11	6	7	13	4	3	7	3	...	3	1	...	1	1	...	1
West	15	16	31	10	22	32	19	23	42	16	23	39	8	12	20	16	19	35	2	1	3	4	5	9	8	12	20	7	9	16	10	10	20	15	21	36
North-West	...	1	1	2	...	2	...	4	4	1	5	6	2	8	10	1	5	6	...	2	2	...	...	...	1	...	1	...	6	6	...	3	3	...	1	1
Calm	4	8	12	6	4	10	7	1	8	9	2	11	8	4	12	5	5	10	6	11	17	4	7	11	9	6	15	16	12	28	12	10	22	15	8	23
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

34.—GHAZIPUR (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	...	1	1	...	...	...	.	...	...	...	2	2	1	...	1	...	1	1	1	1	2	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...
North-East	1	...	1	.	...	...	...	1	1	...	2	2	1	1	2	2	3	5	...	1	1	2	...	2	1	1	2	...	...	...	...	...	...	...	...	...
East	3	...	3	1	...	1	2	...	2	10	3	13	13	11	24	8	1	9	10	11	21	13	12	25	8	7	15	5	...	5	1	2	3	1	...	1
South-East	1	2	3	3	1	4	2	...	2	2	1	3	2	1	3	2	...	2	5	2	7	3	3	6	7	2	9	1	1	2	6	...	6	...	1	1
South	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1
South-West	8	2	10	10	5	15	8	2	10	1	...	1	2	..	2	2	.	2	4	4	8	7	3	10	5	3	8	4	...	4	4	1	5	11	...	11
West	13	16	29	10	17	27	14	19	33	11	11	22	5	10	15	9	13	22	2	2	4	2	4	6	5	4	9	13	11	24	5	5	10	9	18	27
North-West	...	...	...	2	3	5	1	5	6	5	8	13	2	6	8	5	9	14	1	...	1	1	3	4	4	7	11	...	4	4	1	4	5	...	4	4
Calm	5	10	15	2	3	5	4	4	8	1	3	4	5	2	7	2	3	5	8	10	18	3	6	9	...	6	6	8	15	23	13	17	30	9	8	17
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

35.—KATMANDU (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	...	..	...	...	...	...	...	...	...	.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
North-East	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
East	...	3	3	...	1	1	...	1	1	...	2	2	...	2	2	...	1	1	4	6	10	2	5	7	1	3	4	...	...	...	...	...	...	...	...	...
South-East	...	4	4	...	1	1	...	4	4	1	1	2	...	2	2	...	2	2	4	6	10	3	5	8	1	3	4	...	...	...	...	...	...	...	...	...
South	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South-West	6	7	13	2	8	10	1	13	14	7	13	20	9	13	22	6	19	25	11	18	29	12	17	29	7	15	22	4	16	20	7	11	18	4	19	23
West	20	4	24	16	5	21	13	4	17	6	4	10	...	8	8	1	4	5	...	...	...	...	...	...	7	5	12	14	6	20	15	11	26	11	5	16
North-West	5	13	18	11	13	24	17	9	26	16	10	26	22	6	28	23	4	27	12	1	13	14	4	18	14	4	18	13	9	22	8	8	16	16	7	23
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

36.—SIBSAGAR (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	2	1	3	2	2	4	1	...	1	1	1	2	1	...	1	1	4	5	1	1	2	...	2	2	2	...	2	1	1	2	...	...	...	...	...	...
North-East	18	20	38	20	18	38	20	21	41	14	17	31	15	23	38	12	7	19	7	12	19	10	13	23	11	9	20	21	17	38	13	16	29	19	21	40
East	5	6	11	1	2	3	4	2	6	8	3	11	5	...	5	3	...	3	1	...	1	...	2	2	2	1	3	2	2	4	10	9	19	9	7	16
South-East	4	2	3	1	...	1	2	...	2	2	4	6	1	2	3	...	4	4	4	2	6	1	2	3	4	8	12	1	4	5	4	3	7	3	3	6
South	2	...	2	1	1	2	1	...	1	1	2	3	3	...	3	5	4	9	4	2	6	1	1	2	...	1	1	2	...	2	...	...	...	...	...	...
South-West	3	1	4	2	1	3	...	1	1	3	2	5	4	3	7	5	7	12	14	13	27	17	9	26	9	9	18	3	3	6	1	1	2	...	...	...
West	...	...	...	1	...	1	...	2	2	...	1	1	...	...	..	1	...	1	...	...	...	1	...	1	1	...	1	...	...	...	...	...	...	...	...	...
North-West	...	1	1	...	...	...	2	1	3	...	...	...	1	...	1	2	4	6	...	1	1	1	2	3	1	1	2	...	...	...	...	...	...	...	...	...
Calm	...	...	...	1	3	4	1	4	5	1	...	1	1	3	4	1	...	1	...	...	...	...	...	...	...	1	1	1	4	5	2	1	3	...	...	...
Variable	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

37.—TEZPUR (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	2	...	2	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...
North-East	8	12	20	1	...	1	..	...	...	3	...	3	1	2	3	...	1	1
East	17	17	34	11	8	19	17	14	31	20	14	34	11	9	20	10	9	19
South-East	3	2	5	14	15	29	13	15	28	4	12	16	11	11	22	12	8	20
South	...	...	...	2	3	5	...	1	1	...	2	2	4	6	10	4	3	7
South-West	...	...	...	1	3	4	...	...	...	1	1	2	...	...	...	1	6	7
West	...	...	...	...	...	...	...	1	1	2	1	3	2	2	4	2	2	4
North-West	1	...	1	...	...	...	1	...	1	...	...	...	...	...	...	1	1	2
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

	JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
North-East	1	4	5	8	10	18	2	4	6	8	6	14	6	11	17	8	12	20
East	11	4	15	1	8	9	17	15	32	15	20	35	3	12	15	13	10	23
South-East	9	9	18	12	6	18	8	7	15	7	3	10	19	7	26	9	8	17
South	4	4	8	1	1	2	...	...	...	...	...	...	1	...	1	...	...	...
South-West	4	6	10	3	...	3	1	2	3	...	2	2	...	...	...	...	...	...
West	1	4	5	1	2	3	1	2	3	1	...	1	1	...	1	1	...	1
North-West	1	...	1	5	4	9	1	...	1	...	...	...	...	...	...	...	1	1
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

38.—DHUBRI (*4 observations daily*).

	JANUARY.					FEBRUARY.					MARCH.					APRIL.					MAY.					JUNE.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	4	3	4	4	15	2	2	...	...	4	2	1	2	2	7	3	2	3	3	11	...	2	3	1	6	2	2	1	2	7
North-East	3	9	10	7	29	2	5	3	3	13	4	8	4	5	21	10	11	10	11	42	2	...	...	...	2	3	2	3	1	9
East	4	6	6	5	21	2	5	5	3	15	4	5	3	5	17	6	10	5	4	25	...	1	1	...	2	3	1	2	1	7
South-East	3	2	1	2	8	3	...	2	3	8	1	2	1	3	7	1	2	1	...	4	5	3	4	4	16	4	5	3	2	14
South	7	8	7	7	29	12	13	15	13	53	5	3	7	3	18	3	3	1	1	8	16	16	11	13	56	6	10	8	6	30
South-West	1	...	1	1	3	2	2	4	3	11	1	3	2	4	10	3	2	6	6	17	3	5	1	3	12	1	2	1	3	7
West	...	...	...	1	1	2	1	...	...	3	2	2	2	1	7	1	...	2	2	5	2	2	2	1	7	2	2	6	2	12
North-West	...	2	...	...	2	...	1	...	...	1	2	...	3	1	6	1	...	...	1	2	1	2	6	3	12	5	4	5	2	16
Calm	9	...	1	3	13	4	...	...	...	4	8	4	1	2	3	10	...	...	1	1	2	2	...	3	6	11	4	1	1	11	17
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

38.—DHUBRI (*4 observations daily*)—continued.

	JULY.					AUGUST.					SEPTEMBER.					OCTOBER.					NOVEMBER.					DECEMBER.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	...	...	...	...	...	3	2	2	1	8	Not recorded.					1	1	1	1	4	1	...	1	1	3	1	...	1	...	2
North-East	1	1	1	1	4	6	5	4	5	20						1	1	1	1	4	...	...	2	...	2	...	...	...	...	...
East	3	9	4	5	21	6	8	4	3	21						...	...	...	...	...	...	...	...	...	..	...	...	1	1	2
South-East	2	5	2	4	13	3	4	5	3	15						1	...	...	1	2	1	...	...	...	1	2	1	1	1	5
South	8	7	11	6	32	4	5	4	2	15						7	1	6	5	19	4	...	2	1	7	6	4	4	3	17
South-West	5	4	4	5	18	3	2	5	4	14						7	10	5	4	26	13	10	10	9	42	10	4	9	5	28
West	...	1	3	1	5	1	...	2	1	4						2	9	4	...	15	10	18	10	12	50	9	17	10	10	46
North-West	2	1	1	3	7	...	1	...	...	1						...	...	1	1	2	...	1	...	...	1	...	3	1	2	6
Calm	7	1	3	5	16	3	2	1	10	16						3	...	3	7	13	1	1	5	7	14	2	1	3	8	14
Variable	...	...	...	...	...	...	...	...	...	...						...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

39.—TURA (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	...	...	...	...	...	...	...	...	...	2	1	3	1	1	2	2	1	3	...	...	...	1	2	3	1	1	2	...	2	2	...	1	1	2	2	4
North-East	1	1	2	...	1	1	1	...	1	1	4	5	1	3	4	1	...	1	2	2	4	3	2	5	2	...	2	...	...	...	3	1	4	1	...	1
East	14	...	14	4	...	4	4	1	5	1	1	2	2	2	4	1	1	2	...	...	...	1	...	1	3	4	7	12	2	14	6	1	7	2	3	5
South-East	6	3	9	10	..	10	8	7	15	8	6	14	6	10	16	4	3	7	2	5	7	5	9	14	1	1	2	3	2	5	4	1	5	5	..	5
South	3	4	7	3	8	11	6	5	11	13	11	24	8	3	11	8	5	13	14	10	24	11	8	19	17	18	35	10	14	24	13	11	24	9	11	20
South-West	6	23	29	11	20	31	6	12	18	4	6	10	11	12	23	13	16	29	13	14	27	9	9	18	6	6	12	6	9	15	3	15	18	12	15	27
West	1	...	1	1	...	1	...	...	..	..	..	...	...	...	...	1	1	2	...	...	...	1	1	2	...	...	...	...	1	1	1	...	1	...	...	...
North-West	...	...	...	...	...	...	...	...	...	1	1	2	2	...	2	...	2	2	...	...	..	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

40.—SILCHAR (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	...	...	...	...	...	...	...	...	...	..	4	4	3	3	6	2	2	5	1	1	2	...	3	3	1	...	1	..	...	...	...	1	1	...	..	...
North-East	...	...	...	5	...	5	6	2	8	4	3	7	5	3	8	2	1	3	3	1	4	4	...	4	1	1	2	6	2	8	3	1	4	2	2	4
East	8	2	10	6	2	8	9	2	11	10	6	16	8	4	12	3	3	6	1	...	1	6	3	9	3	3	6	8	3	11	11	1	12	8	3	11
South-East	10	1	11	7	3	10	6	4	10	2	...	2	1	2	3	2	3	5	1	3	4	2	2	4	1	...	1	2	2	4	3	3	6	7	3	10
South	3	4	7	2	4	6	1	6	7	...	4	4	...	2	2	1	2	3	...	3	3	1	2	3	1	1	2	1	4	5	1	2	3	...	5	5
South-West	1	6	7	1	8	9	...	9	9	1	5	6	1	...	1	2	1	3	1	3	4	1	4	5	1	...	1	...	6	6	1	2	3	...	5	5
West	...	4	4	...	4	4	...	1	1	...	4	4	...	8	8	2	5	7	1	10	11	...	8	8	...	10	10	1	5	6	...	1	1	...	1	1
North-West	...	1	1	...	...	...	...	...	...	...	1	1	1	1	2	1	2	3	1	2	3	...	3	3	1	2	3	...	1	1	...	...	...	...	...	...
Calm	9	13	22	8	7	15	9	7	16	13	3	16	12	8	20	14	11	25	22	8	30	17	6	23	21	12	33	13	11	24	11	17	28	13	13	26
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

41.—DARJEELING (*Up to April 2, afterwards 4 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.					JUNE.				
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	...	...	...	...	...	...	...	...	...	1	1	2	...	1	...	3	4	2	...	...	...	2
North-East	6	2	8	1	...	1	2	...	2	4	...	4	2	3	1	...	6	...	1	...	...	1
East	8	1	9	4	1	5	2	...	2	1	...	1	4	7	1	3	15	3	5	2	2	12
South-East	...	...	...	...	...	...	...	...	...	1	1	2	2	4	2	2	10	3	2	2	2	9
South	...	...	...	1	1	2	...	...	...	1	1	2	1	4	3	1	9	2	5	3	4	14
South-West	...	3	3	1	9	10	1	6	7	4	4	8	5	5	10	7	27	6	6	10	6	28
West	...	11	11	1	8	9	4	14	18	4	14	18	13	4	9	11	37	5	4	5	7	21
North-West	2	...	2	...	1	1	...	...	...	1	5	6	1	...	2	1	4	1	...	3	...	4
Calm	13	10	23	21	7	28	22	8	30	12	4	16	...	...	...	...	...	...	...	...	2	2
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

	JULY.					AUGUST.					SEPTEMBER.					OCTOBER.					NOVEMBER.					DECEMBER.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	...	...	...	1	1	...	1	...	...	1	1	1	...	1	3	...	...	...	...	...	...	...	...	...	...	1	...	...	1	2
North-East	2	1	...	...	3	2	1	..	2	5	...	1	1	...	2	...	...	...	...	...	...	...	...	...	...	2	...	1	...	3
East	9	11	8	10	38	9	11	9	9	38	8	6	6	7	27	1	1	...	1	3	...	...	...	...	...	4	5	2	2	13
South-East	7	9	15	11	42	6	10	13	9	38	4	5	7	5	21	..	2	1	...	3	3	5	4	3	15	5	14	6	5	30
South	2	2	1	...	5	3	2	5	4	14	3	4	7	6	20	1	1	1	1	4	2	6	5	3	16	2	2	4	4	12
South-West	1	...	1	2	4	2	...	2	2	6	5	5	4	5	19	6	5	9	6	26	5	6	5	6	22	3	1	1	1	6
West	1	1	...	...	2	2	3	...	2	7	7	6	3	5	21	11	10	9	11	41	8	5	8	9	30	3	...	3	7	13
North-West	...	...	1	1	2	2	...	...	...	2	...	1	1	...	2	...	...	...	...	...	1	1	1	1	4	1	...	2	1	4
Calm	2	1	1	1	5	2	1	...	...	3	1	...	...	1	2	1	1	...	2	4	4	...	...	2	6	2	...	4	2	8
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

42.—PURNEAH (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	...	...	...	...	...	...	1	...	1	1	...	1	...	...	...	1	1	2	1	...	1	...	...	...	...	2	2	1	1	2	2	2	4	2	1	3
North-East	...	...	...	1	..	1	2	...	2	9	2	11	8	...	8	8	4	12	5	5	10	5	4	9	2	6	8	7	5	12	4	3	7	1	1	2
East	1	...	1	...	...	...	5	1	6	3	...	3	8	3	11	8	5	13	14	13	27	14	10	24	8	3	11	7	3	10	6	...	6	...	1	1
South-East	1	...	1	...	...	...	1	1	2	1	1	2	1	5	6	6	7	13	8	9	17	6	6	12	7	8	15	4	3	7	3	...	3	1	...	1
South	2	...	2	2	...	2	...	1	1	1	...	1	...	...	...	..	2	2	...	...	...	1	2	3	2	2	4	2	2	4	1	...	1	...	1	1
South-West	2	3	5	2	7	9	...	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	2	3	6	9	3	3	6	3	2	5
West	7	8	15	7	11	18	2	7	9	2	9	11	...	1	1	...	...	...	...	...	...	...	...	...	3	2	5	1	3	4	...	6	6	5	8	13
North-West	13	16	29	9	11	20	3	11	14	4	7	11	...	2	2	...	1	1	...	1	1	...	1	1	2	3	5	2	6	8	4	11	15	13	14	27
Calm	5	4	9	8	...	8	17	8	25	9	11	20	14	20	34	7	10	17	3	3	6	4	7	11	5	3	8	4	2	6	7	5	12	6	3	9
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

43.—Durbhunga (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	2	...	2	...	...	...	1	2	3	...	1	1	1	3	4	2	1	3	...	...	...	1	1	2	1	...	1	...	1	1	1	1	2	1	1	2
North-East	1	...	1	1	...	1	3	...	3	3	2	5	5	2	7	5	4	9	4	5	9	5	2	7	2	5	7	2	1	3	2	2	4	1	...	1
East	...	...	...	3	...	3	8	2	10	11	9	20	13	11	24	13	14	27	19	13	32	15	13	28	11	8	19	10	9	19	7	4	11	...	...	...
South-East	...	1	1	1	...	1	5	3	8	7	4	11	8	9	17	10	4	14	7	10	17	9	9	18	8	7	15	10	8	18	4	5	9	...	1	1
South	...	1	1	1	...	1	1	2	3	...	...	...	1	...	1	...	...	...	...	...	...	...	1	1	1	2	3	1	...	1	1	1	2	1	1	2
South-West	8	8	16	8	10	18	5	4	9	3	6	9	2	1	3	...	1	1	...	2	2	...	3	3	3	2	5	1	3	4	4	5	9	7	10	17
West	17	16	33	11	17	28	7	13	20	5	6	11	1	2	3	...	4	4	...	1	1	...	2	2	3	4	7	6	6	12	7	8	15	15	14	29
North-West	3	5	8	4	2	6	1	6	7	1	2	3	...	3	3	...	2	2	1	...	1	1	...	1	1	2	3	1	3	4	4	4	8	6	4	10
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

44.—Patna (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	1	...	1	...	1	1	...	...	...	...	1	1	1	...	1	1	2	3	1	...	1	...	...	...	...	...	...	...	2	2	...	3	3	2	...	2
North-East	2	1	3	1	1	2	3	2	5	5	4	9	7	11	18	5	7	16	2	2	4	3	4	7	1	2	3	4	8	12	3	6	9	...	...	...
East	2	1	3	1	...	1	5	3	8	12	7	19	15	7	22	6	2	8	16	9	25	14	14	28	10	11	21	7	...	7	7	3	10	1	...	1
South-East	2	1	3	...	...	...	1	...	1	1	...	1	2	2	4	...	4	4	6	10	4	4	8	5	1	6	2	...	2	4	...	4	...	...	...
South	1	...	1	1	...	1	...	...	...	...	...	...	1	...	1	1	...	1	1	1	2	2	...	2	2	1	3	...	...	...	2	...	2	1	...	1
South-West	3	1	4	2	1	3	1	1	2	...	...	...	2	1	3	...	...	...	1	2	3	2	1	3	...	...	...	2	...	2	...	...	...	2	1	3
West	16	16	32	15	19	34	15	13	28	10	9	19	3	5	8	1	6	7	2	2	4	5	4	9	6	9	15	9	7	16	4	7	11	20	11	31
North-West	4	7	11	9	7	16	5	12	17	2	9	11	1	6	7	6	10	16	2	2	4	1	1	2	1	2	3	2	3	5	3	6	9	1	5	6
Calm	...	4	4	...	...	...	1	...	1	...	...	...	1	...	1	2	3	5	2	7	9	...	3	3	5	4	9	5	11	16	7	5	12	4	14	18
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

45.—Gya (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	3	7	10	3	1	4	1	...	1	2	...	2	3	5	8	4	2	6	...	4	4	6	2	8	1	3	4	...	4	4	2	7	9	3	4	7
North-East	1	...	1	1	...	1	2	4	6	6	3	9	...	...	...	3	6	9	4	7	11	2	2	4	1	3	4	3	1	4	2	...	2	2	...	2
East	2	...	2	1	...	1	3	3	6	2	5	7	2	7	9	1	1	2	1	5	6	5	5	10	4	5	9	1	1	2	3	2	5	...	...	...
South-East	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	1	1	2	1	...	1	...	...	...	...	...	...	...	...	...
South	3	...	3	2	...	2	2	...	2	...	...	...	1	...	1	...	...	...	3	...	3	2	1	3	3	...	3	2	...	2	...	...	...	2	...	2
South-West	4	...	4	2	2	4	1	2	3	3	1	4	4	1	5	1	2	3	1	...	1	4	3	7	...	1	1	...	...	...	2	1	3	2	1	3
West	4	6	10	15	19	34	11	13	24	10	14	24	1	3	4	11	12	23	4	3	7	2	3	5	3	8	11	3	7	10	...	1	1	1	2	3
North-West	7	13	20	1	6	7	5	6	11	3	5	8	3	7	10	5	11	16	...	2	2	4	4	8	...	2	2	2	3	5	...	1	1	6	10	16
Calm	7	5	12	4	1	5	6	2	8	6	3	9	12	4	16	5	3	8	18	9	27	6	8	14	12	7	19	22	9	31	22	16	38	15	13	28
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

46.—HAZARIBAGH (*4 observations daily*).

	JANUARY.					FEBRUARY.					MARCH.					APRIL.					MAY.					JUNE.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	7	7	7	9	30	1	2	2	3	8	1	4	4	6	15	2	1	3	4	10	1	2	5	2	10	...	4	8	6	18
North-East	3	2	7	1	13	1	...	...	...	1	1	4	3	2	10	...	...	1	2	3	3	2	4	1	10	...	...	4	2	6
East	1	1	...	1	3	1	...	...	...	1	1	...	...	...	1	...	...	1	4	5	...	...	3	3	6	1	...	1	...	2
South-East	1	3	1	3	8	...	2	...	...	2	...	...	...	1	1	3	1	...	3	7	3	2	1	6	12	1	...	1	3	4
South	...	2	2	1	5	...	1	1	1	3	2	1	1	2	6	5	2	1	2	10	6	2	1	6	15	7	...	1	4	12
South-West	1	...	1	1	3	1	2	1	1	5	8	3	2	3	16	7	8	2	1	18	13	11	4	5	33	9	3	1	3	16
West	5	3	4	1	13	10	7	9	8	34	6	5	9	4	24	5	6	6	3	20	3	5	2	3	13	7	5	...	2	14
North-West	10	13	9	13	45	15	15	16	15	61	11	14	12	13	50	7	12	16	11	46	1	7	11	4	23	4	18	15	9	46
Calm	3	...	...	1	4	...	...	...	1	1	1	..	...	...	1	1	...	...	...	1	1	...	...	1	2	1	...	...	1	2
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

	JULY.					AUGUST.					SEPTEMBER.					OCTOBER.					NOVEMBER.					DECEMBER.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	...	1	2	1	4	2	1	3	3	9	2	3	2	2	9	2	2	10	...	14	1	6	8	1	16	3	8	7	5	23
North-East	2	2	4	1	9	3	3	2	1	9	2	2	1	2	7	1	6	4	...	11	1	3	2	2	8	...	1	2	...	3
East	2	2	4	4	12	4	4	2	3	13	1	2	1	1	5	...	4	2	...	6	1	4	3	1	9	...	1	...	...	1
South-East	3	3	4	6	16	5	6	9	4	24	3	3	8	2	16	...	4	3	2	9	2	9	4	2	17	...	...	...	...	...
South	6	3	2	6	17	1	...	1	4	6	5	7	2	6	20	1	1	...	1	3	2	1	2	4	9	...	1	...	...	1
South-West	8	7	2	9	26	4	7	4	4	19	3	2	3	5	13	4	3	...	4	11	2	...	...	3	5	...	1	...	1	2
West	5	6	5	1	17	3	4	4	4	15	6	1	3	6	16	5	3	3	4	15	3	2	3	2	10	10	2	4	5	21
North-West	5	7	8	3	23	7	6	6	4	23	4	7	10	5	26	8	6	7	7	28	7	5	7	9	28	13	17	18	15	63
Calm	...	...	...	...	...	2	...	...	4	6	4	3	...	1	8	5	...	1	9	15	11	...	...	5	16	5	...	...	5	10
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

47.—BERHAMPORE (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	8	5	13	3	1	4	1	1	2	1	1	2	...	...	...	...	1	1	...	1	1	...	...	...	3	2	5	6	9	15	15	12	27	12	11	23
North-East	1	...	1	...	...	...	3	2	5	3	4	7	1	6	7	2	3	5	1	6	7	3	4	7	2	2	3	5	1	6	2	...	2	...	...	...
East	2	1	3	1	...	1	2	1	3	6	4	10	4	10	14	8	7	15	9	9	18	11	15	26	5	5	10	2	1	3	3	1	4	...	...	...
South-East	...	1	1	...	...	...	...	...	...	1	...	1	3	1	4	4	3	7	6	6	12	4	3	7	5	3	8	1	1	2	...	1	1	...	...	...
South	...	...	...	2	...	2	5	2	7	4	2	6	14	11	25	9	8	17	9	7	16	6	4	10	9	7	16	1	...	1	1	...	1	1	...	1
South-West	3	3	6	6	3	9	11	7	18	12	4	16	5	1	6	3	3	6	5	1	6	5	2	7	5	3	8	6	3	9	...	2	2	1	...	1
West	6	11	17	7	14	21	6	12	18	2	11	13	...	1	1	1	1	2	...	...	...	1	3	4	1	1	2	4	4	8	2	3	5	3	5	8
North-West	10	9	19	6	8	14	2	4	6	1	1	2	2	...	2	2	3	5	...	...	...	1	...	1	1	5	6	6	9	15	7	10	17	10	10	20
Calm	1	1	2	4	3	7	1	2	3	...	3	3	2	1	3	1	1	2	1	1	2	...	...	...	...	2	2	...	3	3	...	1	1	...	1	1
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

P

48.—BURDWAN (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	10	5	15	6	4	10	1	4	5	1	1	2	...	...	...	2	2	4	...	1	1	1	...	1	2	2	4	6	10	16	6	8	14	5	9	14
North-East	5	...	5	2	2	4	...	...	...	1	2	3	...	...	...	1	5	6	...	1	1	4	2	6	2	1	3	7	2	9	8	9	17	5	3	8
East	1	1	2	3	...	3	2	..	2	1	4	5	2	5	7	...	2	2	6	3	9	6	9	15	1	3	4	1	2	3	4	1	5	1	...	1
South-East	...	1	1	1	1	2	1	1	2	2	1	3	4	10	14	2	8	10	5	4	9	1	3	4	4	7	11	...	...	...	1	...	1	...	...	...
South	...	...	...	2	2	4	5	5	10	13	5	18	14	12	26	11	11	22	8	16	24	9	10	19	6	6	12	1	...	1	...	1	1	...	...	...
South-West	...	2	2	1	5	6	8	1	9	6	4	10	4	...	4	7	1	8	3	3	6	3	3	6	2	2	4	...	1	1	1	...	1	1	1	2
West	5	11	16	6	8	14	7	17	24	5	8	13	3	...	3	4	1	5	4	1	5	2	2	4	4	2	6	5	2	7	2	...	2	3	5	8
North-West	9	10	19	7	7	14	6	3	9	1	5	6	1	1	2	2	...	2	1	...	1	...	1	1	4	3	7	7	4	11	5	5	10	13	11	24
Calm	1	1	2	1	...	1	1	...	1	...	...	...	...	...	...	1	...	1	4	2	6	5	1	6	5	4	9	4	10	14	2	5	7	4	2	6
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

49.—JESSORE (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	13	3	16	2	1	3	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	3	2	5	3	4	7	8	4	12	10	6	16
North-East	4	...	1	1	...	1	1	...	1	...	...	...	1	...	1	2	1	3	...	...	...	...	...	...	...	...	...	3	5	8	3	5	8	2	1	3
East	4	...	1	2	...	2	...	1	1	2	1	3	2	...	2	...	3	3	5	1	6	6	1	7	2	1	3	3	5	8	3	3	6	2	...	2
South-East	...	...	...	...	1	1	1	2	3	2	3	5	1	8	9	3	8	11	8	6	14	5	7	12	9	8	17	2	3	5	1	...	1	...	...	...
South	...	...	...	1	1	2	6	7	13	14	14	28	17	21	38	18	13	31	10	15	25	12	16	28	10	10	20	5	2	7	1	...	1	1	...	1
South-West	...	...	...	2	3	5	8	3	11	8	4	12	6	1	7	2	1	3	3	4	7	3	3	6	3	1	4	...	1	1	...	...	...	...	...	...
West	1	7	8	5	9	14	7	14	21	3	4	7	3	1	4	...	1	1	4	...	4	2	2	4	1	3	4	7	5	12	2	4	6	3	4	7
North-West	10	16	26	7	12	19	2	3	5	1	2	3	...	...	...	2	1	3	...	...	...	...	...	...	...	1	1	2	3	5	6	6	12	10	17	27
Calm	5	5	10	9	2	11	6	1	7	...	1	1	1	...	1	3	1	4	1	5	6	3	2	5	2	4	6	6	3	9	3	3	6	3	3	6
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

50.—DACCA (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	9	1	10	2	...	2	...	...	...	...	...	...	1	1	2	...	...	...	...	...	...	...	...	...	1	1	2	4	2	6	2	2	4	6	4	10
North-East	2	...	2	1	...	1	1	...	1	2	1	3	1	...	1	1	...	1	...	...	...	...	...	...	1	2	3	5	4	9	3	1	4	5	1	6
East	1	...	1	...	...	...	1	1	2	4	4	8	4	2	6	1	2	3	3	...	3	4	1	5	2	2	4	4	1	5	1	1	2	...	...	...
South-East	1	...	1	...	1	1	1	1	2	5	2	7	5	6	11	7	8	15	13	10	23	11	10	21	8	7	15	6	6	12	1	1	2	1	2	3
South	...	...	...	6	3	9	9	12	21	10	12	22	15	20	35	15	13	28	13	19	32	11	14	25	11	11	22	4	7	11	...	...	...	1	2	3
South-West	3	4	7	7	6	13	12	11	23	10	5	15	2	1	3	2	3	5	2	1	3	5	3	8	3	4	7	1	1	2	...	...	...	2	4	6
West	3	18	21	6	12	18	2	5	7	...	4	4	...	...	...	...	1	1	...	...	...	...	...	...	1	1	2	2	2	4	...	6	6	3	13	16
North-West	3	5	8	2	1	3	2	1	3	...	1	1	...	...	...	...	1	1	...	...	...	...	...	...	2	1	3	4	6	10	1	3	4	6	2	8
Calm	9	3	12	5	6	11	3	...	3	...	...	...	3	1	4	4	2	6	1	1	2	..	3	3	1	1	2	1	2	3	22	16	38	7	3	10
Variable	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

51.—CHITTAGONG (*4 observations daily*).

	JANUARY.					FEBRUARY.					MARCH.					APRIL.					MAY.					JUNE.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	5	11	4	1	21	...	6	...	1	7	...	6	...	...	6	...	...	...	...	..	...	3	...	...	3	1	3	...	...	4
North-East	...	8	...	1	9	1	4	2	...	7	1	3	...	...	4	1	1	...	...	2	...	1	...	...	1	2	1	...	4	4
East	1	2	1	...	4	1	2	...	1	4	...	2	...	1	3	2	...	...	2	4	1	4	1	1	7	4	4	4	2	11
South-East	...	...	...	1	1	3	2	1	3	9	8	5	1	6	20	15	6	2	8	31	8	5	1	4	18	10	10	3	8	31
South	...	...	...	...	...	4	2	2	3	11	7	10	7	9	33	10	20	15	14	59	9	10	6	8	33	8	8	9	9	34
South-West	...	...	1	1	2	2	1	6	1	10	2	3	14	6	25	1	2	12	4	19	1	1	12	5	19	3	...	12	3	18
West	4	2	13	5	24	3	2	13	1	19	2	1	8	3	14	1	1	...	...	2	3	1	4	4	12	1	1	1	...	3
North-West	10	2	10	4	26	4	3	4	4	15	3	1	1	1	6	...	...	1	...	1	1	2	2	1	6	...	1	...	1	2
Calm	11	5	1	17	34	10	7	1	15	33	8	...	...	5	13	...	...	...	2	2	3	...	1	4	8	...	...	2	4	6
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

	JULY.					AUGUST.					SEPTEMBER.					OCTOBER.					NOVEMBER.					DECEMBER.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	...	...	...	...	...	...	...	...	...	...	...	2	...	1	3	1	5	5	...	11	3	12	6	...	21	3	9	...	1	13
North-East	...	...	...	...	...	...	2	...	...	2	...	7	...	...	7	...	12	...	...	12	1	9	1	...	11	...	12	1	...	13
East	1	2	...	...	3	2	2	...	...	4	3	7	2	3	15	...	2	...	1	3	...	...	...	...	...	...	2	...	...	2
South-East	15	18	4	15	52	14	17	4	13	48	5	6	4	5	20	1	...	...	...	1	...	...	...	...	...	...	2	...	...	2
South	9	8	18	15	50	11	8	14	13	46	4	4	6	3	17	2	1	1	2	6	...	...	...	...	...	...	...	...	...	...
South-West	1	...	8	...	9	2	2	10	4	18	4	...	8	4	16	1	1	4	2	8	...	...	2	...	2	...	...	5	...	5
West	1	...	...	...	1	2	...	1	...	3	3	...	6	1	10	...	...	4	...	4	...	1	8	1	10	7	1	14	5	27
North-West	...	...	...	...	...	...	...	...	...	...	1	1	2	...	4	1	1	9	2	13	1	3	9	1	14	3	1	7	4	15
Calm	2	...	...	...	2	...	...	1	1	2	9	...	...	11	20	16	...	2	18	36	25	5	4	28	62	18	2	3	22	43
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

52.—DEMAGIRI (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	1	...	1	1	...	1	8	10	18	3	11	14	9	4	13	3	1	4
North-East	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...
East	...	...	...	...	1	1	...	...	...	1	...	1	1	...	1	2	2	4
South-East	5	...	5	1	1	2	1	1	2	5	1	6	3	...	3	8	3	11
South	5	3	8	7	6	13	7	5	12	9	8	17	5	6	11	6	8	14
South-West	6	2	8	1	1	2	3	...	3	4	...	4	1	...	1	2	1	3
West	7	16	23	8	18	26	9	8	17	6	8	14	4	19	23	4	15	19
North-West	7	10	17	11	2	13	2	7	9	2	2	4	8	2	10	5	...	5
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

52.—DEMAGIRI (*2 observations daily*)—continued.

	July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
North-East	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
East	1	5	6	2	1	3	...	...	...	...	...	...	...	...	...	...	...	...
South-East	16	12	28	20	16	36	12	7	19	8	3	11	12	2	14	19	...	19
South	13	9	22	8	4	12	1	3	4	2	5	7	7	4	11	5	2	7
South-West	1	3	4	...	3	3	3	4	7	7	12	19	7	10	17	4	6	10
West	...	2	2	1	6	7	11	15	26	11	11	22	4	11	15	2	20	22
North-West	...	...	...	...	1	1	3	1	4	3	...	3	...	3	3	1	3	4
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

53.—CALCUTTA (ALIPORE) (*4 observations daily*).

	January.					February.					March.					April.					May.					June.				
	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.
North	15	16	10	13	54	8	10	4	6	28	3	1	1	...	5	...	1	...	...	1	...	1	...	...	1	...	1	2	1	4
North-East	6	5	1	1	13	1	3	1	1	6	...	1	...	2	3	...	...	...	1	1	...	...	...	4	4	1	1	1	...	3
East	2	1	1	1	4	1	1	1	...	3	1	...	...	1	2	1	...	1	1	3	2	2	1	2	7	1	...	2	3	6
South-East	...	1	1	...	2	1	1	...	...	2	3	1	...	3	7	4	...	1	6	11	9	2	5	3	19	4	2	3	7	16
South	...	...	...	...	...	3	2	...	6	11	10	6	10	10	36	12	12	15	14	53	14	14	16	18	62	14	9	11	16	50
South-West	1	...	...	2	3	7	5	4	9	25	10	15	7	13	45	11	16	11	7	45	5	10	9	4	28	7	11	6	2	26
West	2	...	6	2	10	5	2	11	1	19	2	3	8	1	14	2	...	2	1	5	...	2	...	...	2	1	4	3	1	9
North-West	6	2	12	11	31	3	4	8	6	21	2	4	5	1	12	...	1	...	...	1	1	...	...	...	1	2	2	2	...	6
Calm	...	6	...	1	7	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

	July.					August.					September.					October.					November.					December.				
	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.
North	...	...	1	...	1	3	3	...	...	6	1	3	6	4	14	5	5	11	7	28	9	11	15	11	46	15	15	13	13	56
North-East	...	1	2	...	3	2	2	...	1	5	1	...	1	...	2	2	6	3	4	15	7	7	4	5	23	4	4	2	3	13
East	3	5	2	2	12	4	5	4	2	15	2	4	2	4	12	2	1	2	2	7	1	4	4	2	11	...	...	...	...	...
South-East	7	2	5	7	21	3	4	7	6	20	9	5	7	6	27	...	3	2	2	7	...	2	2	4	8	...	...	...	...	...
South	6	3	8	13	30	6	3	9	10	28	5	5	4	6	20	...	...	...	1	1	1	1	1	...	3	...	...	...	...	...
South-West	12	15	11	9	47	10	12	8	9	39	5	6	4	5	20	3	1	4	4	12	1	...	...	1	2	...	...	...	1	1
West	2	5	2	...	9	3	2	1	1	7	3	3	3	2	11	3	7	5	2	17	...	1	1	1	3	3	4	5	5	17
North-West	1	...	...	...	1	...	...	2	2	4	1	3	3	1	8	4	6	4	4	18	1	1	3	...	5	7	7	11	8	33
Calm	...	...	...	...	...	...	...	...	...	...	3	1	...	2	6	12	2	...	5	19	10	3	...	6	19	2	1	...	1	4
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

54.—SAUGOR ISLAND (*4 observations daily*).

	JANUARY.					FEBRUARY.					MARCH.					APRIL.					MAY.					JUNE.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	9	15	15	7	46	2	9	10	2	23	...	1	1	...	2	...	1	..	...	1	...	...	...	1	1	1	...	...	3
North-East	10	10	1	8	29	1	5	...	1	7	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
East	2	1	...	2	5	4	...	1	1	6	...	...	...	1	1	...	...	1	...	1	1	...	...	1	2	...	1	...	1	2
South-East	1	...	...	1	2	3	1	2	7	13	...	2	4	3	9	3	1	4	4	12	3	3	9	6	21	2	1	4	5	12
South	...	...	2	5	7	8	2	6	13	29	9	10	22	24	65	14	17	22	19	72	18	16	19	19	72	14	12	22	15	63
South-West	1	...	6	3	10	6	3	4	3	16	19	13	4	2	38	11	11	3	7	32	8	8	2	4	22	9	10	2	5	26
West	3	1	1	2	7	3	5	...	1	9	2	2	...	1	5	1	...	...	...	1	...	3	...	...	3	2	1	...	1	4
North-West	4	4	5	2	15	2	4	6	1	13	...	2	...	...	2	1	...	...	...	1	...	...	...	...	...	1	2	1	1	5
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

	JULY.					AUGUST.					SEPTEMBER.					OCTOBER.					NOVEMBER.					DECEMBER.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	...	1	...	...	1	...	3	1	...	4	...	2	2	...	4	4	8	8	6	26	8	9	14	13	44	13	15	14	12	54
North-East	...	...	...	...	...	...	1	...	...	1	2	1	1	3	7	8	5	2	6	21	14	11	4	7	36	6	3	2	7	18
East	2	3	1	3	9	1	...	1	1	3	3	2	1	2	8	3	...	1	1	5	2	1	...	4	7	...	...	...	...	...
South-East	2	1	3	3	9	...	3	4	3	10	2	6	5	7	20	...	...	1	4	5	2	1	2	2	7	...	...	...	...	...
South	8	5	13	9	35	8	7	11	13	39	13	8	12	10	43	1	1	2	5	9	1	2	3	1	7	1	...	1	3	5
South-West	14	16	13	11	54	15	11	10	11	47	7	5	3	7	22	6	3	6	4	19	...	...	1	1	2	1	...	5	5	11
West	2	3	...	3	8	3	3	1	2	9	2	2	2	...	6	5	8	3	1	17	2	1	1	...	4	5	2	2	1	10
North-West	2	1	...	1	4	2	2	1	1	6	1	2	3	1	7	3	6	8	2	19	1	3	4	...	8	2	10	5	2	19
Calm	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	1	...	...	2	3	...	...	...	2	2	2	...	...	...	2
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

55.—CUTTACK. (*Up to February 2, afterwards 4 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.					APRIL.					MAY.					JUNE.				
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	...	1	1	...	...	...	...	...	...	...	...	...	1	...	1	2	1	3	2	2	8	2	6	2	4	14
North-East	13	9	22	5	3	8	3	4	9	8	24	12	11	13	10	46	5	5	6	9	25	10	10	15	14	49
East	5	3	8	6	2	8	4	12	5	9	30	12	15	11	15	53	8	10	9	10	37	2	5	6	3	16
South-East	...	...	...	1	1	2	1	4	5	1	11	1	2	3	2	8	2	6	4	2	14	1	6	3	...	10
South	...	1	1	2	2	4	...	3	2	...	5	...	...	1	...	1	1	...	1	1	3	...	1	...	...	1
South-West	...	1	1	4	3	7	...	...	1	...	1	...	...	...	...	...	2	2	...	...	4	...	...	...	2	2
West	1	...	1	1	...	1	...	2	1	...	3	...	...	...	...	...	2	...	2	1	5	...	...	1	...	1
North-West	...	...	...	1	1	...	2	2	...	4	...	...	...	...	1	1	2	2	4	3	11	4	...	2	2	8
Calm	12	16	28	10	17	27	18	...	2	9	29	5	1	1	...	7	6	2	...	1	9	11	2	1	5	19
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

55.—CUTTACK. (*Up to August 4, afterwards 2 observations daily*)—continued.

	July.					August.					September.			October.			November.			December.		
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	15 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	...	2	1	2	5	...	...	1	1	2	1	1	2	2	3	5	1	1	2	...	1	1
North-East	4	10	14	10	38	9	12	12	12	45	...	...	...	4	8	12	8	4	12	6	2	8
East	1	10	7	4	22	2	8	8	3	21	2	...	2	1	2	3	1	5	6	3	1	4
South-East	2	3	4	1	10	2	3	4	1	10	...	1	1	...	1	1	...	1	1	...	...	...
South	1	...	...	...	1	...	1	...	...	1	6	6	12	...	...	...	...	1	1	...	...	...
South-West	1	1	...	2	4	...	...	1	...	1	6	4	10	2	...	2	...	...	...	1	...	1
West	1	1	3	...	5	...	...	...	...	...	5	3	8	5	2	7	...	...	...	...	1	1
North-West	...	1	...	2	3	...	...	...	...	...	1	3	4	2	1	3	1	1	2	1	...	1
Calm	19	2	1	8	30	13	4	2	10	29	9	10	19	15	14	29	19	17	36	20	26	46
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

56.—FALSE POINT (*2 observations daily*).

	January.			February.			March.			April.			May.			June.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	12	...	12	3	2	5	1	...	1	...	...	...	...	...	...	...	...	...
North-East	8	13	21	3	1	4	1	...	1	...	...	...	...	...	...	...	...	...
East	2	9	11	2	8	10	...	4	4	...	...	...	...	...	...	...	...	...
South-East	...	5	5	2	5	7	...	2	2	...	...	...	2	2	4	3	3	6
South	...	3	3	3	9	12	11	19	30	16	20	36	20	21	41	11	13	24
South-West	...	1	1	3	3	6	12	6	18	14	10	24	8	7	15	9	11	20
West	...	...	...	5	...	5	3	...	3	...	...	...	1	1	2	5	3	8
North-West	4	...	4	4	...	4	3	...	3	...	...	...	...	...	...	2	...	2
Calm	5	...	5	3	...	3	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

	July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	...	1	1	...	1	1	3	3	6	9	1	10	17	5	22	18	3	21
North-East	1	...	1	...	...	...	2	1	3	4	9	13	4	10	14	2	12	14
East	2	3	5	...	...	...	1	6	7	...	10	10	2	6	8	...	8	8
South-East	...	...	...	...	2	2	3	6	9	...	4	4	1	5	6	...	6	6
South	4	12	16	3	12	15	9	10	19	1	3	4	2	1	3	...	2	2
South-West	9	8	17	13	11	24	3	3	6	3	1	4	...	...	...	1	...	1
West	12	5	17	11	4	15	2	...	2	6	2	8	...	...	...	2	...	2
North-West	2	1	3	4	1	5	7	1	8	8	...	8	4	3	7	8	...	8
Calm	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

57.—SAMBALPUR (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	2	2	...	3	3	1	1	2	4	5	9	5	12	17	7	7	14	12	12	24
North-East	15	9	24	15	11	26	11	9	20	5	...	5	5	5	10	...	2	2	1	2	3	...	1	1	1	...	1	6	4	10	11	5	16	8	3	11
East	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	2	...	2	...	...	...	1	2	3	6	2	8	7	10	17	1	...	1
South-East	3	2	5	2	...	2	...	...	...	...	...	...	1	1	2	...	...	...	...	1	1	...	...	...	1	5	6	1	5	6	1	...	1	...	...	...
South	...	...	...	...	...	...	...	...	...	12	9	21	...	...	...	2	...	2	1	...	1	...	...	...	3	...	3	...	...	...	2	...	2	...	...	...
South-West	2	1	3	3	4	7	10	8	18	1	1	2	21	12	33	9	11	20	14	17	31	15	7	22	11	6	17	1	1	2	...	4	4	1	1	2
West	...	...	...	...	1	1	...	2	2	11	20	31	...	...	...	16	11	27	13	7	20	13	17	30	8	12	20	2	1	3	1	3	4	4	4	8
North-West	11	19	30	9	13	22	10	12	22	...	...	...	4	13	17	2	4	6	1	...	1	2	5	7	1	...	1	10	6	16	1	1	2	5	11	16
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

58.—RAIPUR (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	4	7	11	2	3	5	2	2	4	2	2	4	4	3	7	...	1	1	1	...	1	...	1	1	4	4	8	5	6	11	6	5	11	6	12	18
North-East	14	7	21	12	2	14	4	1	5	3	1	4	3	1	4	...	2	2	1	2	3	...	...	...	3	3	6	8	14	22	11	10	21	15	11	26
East	9	...	9	6	...	6	4	...	4	1	...	1	2	2	4	...	1	1	1	...	1	...	...	...	1	1	2	4	6	10	8	3	11	6	1	7
South-East	1	1	2	1	...	1	1	...	1	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	1	...	1	1	1	2	1	...	1
South	...	...	...	2	...	2	1	1	2	...	...	...	1	1	...	...	...	...	1	2	3	1	...	1	1	2	3	1	...	1	...	1	1	1	...	1
South-West	1	2	3	3	4	7	8	5	13	7	8	15	8	9	17	10	8	18	15	13	28	13	14	27	4	7	11	1	...	1	1	2	3	...	2	2
West	1	5	6	2	12	14	5	12	17	12	11	23	10	10	20	16	13	29	12	13	25	16	16	32	7	8	15	4	1	5	...	3	3	2	1	3
North-West	...	7	7	1	8	9	5	10	15	3	8	11	4	5	9	3	5	8	...	1	1	2	...	2	9	3	12	5	4	9	2	5	7	...	4	4
Calm	1	2	3	...	...	...	1	...	1	1	...	1	...	...	...	1	...	1	...	...	...	...	...	...	...	2	2	2	..	2	1	...	1	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

59.—NAGPUR (*4 observations daily*).

	JANUARY.					FEBRUARY.					MARCH.					APRIL.					MAY.					JUNE.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	17	13	4	5	39	12	8	1	5	26	11	7	4	5	27	4	5	2	4	15	Imperfect.					1	2	2	1	6
North-East	8	13	9	7	37	7	12	3	8	30	5	7	2	7	21	1	4	...	1	6						1	...	1	1	3
East	2	1	4	7	14	1	4	3	3	11	1	4	2	4	11	3	2	1	...	6						...	...	1	...	1
South-East	1	1	2	4	8	1	1	3	3	8	1	2	1	...	4	...	1	...	1	2						...	1	...	1	2
South	...	...	5	1	6	...	2	3	3	8	1	3	3	...	7	3	1	2	1	7						5	2	2	4	13
South-West	1	1	3	2	7	1	...	7	1	9	1	1	4	2	8	3	2	3	3	11						10	2	9	8	29
West	...	1	2	2	5	1	...	5	...	6	3	1	9	1	14	3	2	12	4	21						9	9	7	6	31
North-West	2	1	2	2	7	6	2	3	5	16	8	6	5	12	31	13	13	10	16	52						3	10	4	7	24
Calm	...	...	...	1	1	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...						...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...						...	...	...	...	...

59.—NAGPUR (*4 observations daily*)—continued.

	JULY.					AUGUST.					SEPTEMBER.					OCTOBER.					NOVEMBER.					DECEMBER.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	...	1	...	...	1	...	...	...	2	2	8	9	5	4	26	18	6	7	4	35	15	4	5	2	26	18	8	11	5	42
North-East	...	...	...	...	...	...	...	...	...	...	...	3	4	3	10	4	10	16	6	36	7	15	12	11	45	2	19	12	7	40
East	...	...	...	...	...	...	...	...	...	...	1	...	1	2	4	1	8	3	8	20	3	7	5	8	23	...	4	4	7	15
South-East	...	...	...	...	...	...	...	...	1	1	...	...	1	2	3	...	...	1	3	4	...	1	1	2	4	...	...	1	3	4
South	4	1	1	5	11	3	1	2	2	8	1	...	1	2	4	...	...	...	...	...	...	1	5	1	7	...	...	...	1	1
South-West	15	10	8	13	46	10	11	9	6	36	2	...	...	4	6	...	...	...	...	...	...	...	...	1	1	...	...	...	1	1
West	9	16	18	11	54	13	13	13	12	51	2	4	6	2	14	...	...	...	1	1	1	...	...	1	1	...	...	...	...	...
North-West	2	2	4	2	10	3	5	6	6	20	12	11	10	5	38	7	3	1	3	14	2	...	1	...	3	11	...	2	2	15
Calm	...	...	...	...	...	1	...	...	1	2	3	...	...	5	8	...	...	...	5	5	1	...	...	4	5	...	...	...	5	5
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

60.—SEONI (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	1	8	9	1	3	4	2	3	5	4	6	10	1	2	3	2	3	5	2	3	5	...	...	...	5	6	11	5	2	7	3	3	6	10	8	18
North-East	11	6	17	9	5	14	3	2	5	4	1	5	...	...	...	...	1	1	...	...	...	...	...	...	...	2	2	6	2	8	9	7	16	10	11	21
East	6	1	7	4	3	7	6	2	8	3	...	3	4	2	6	1	...	1	...	...	...	...	...	...	2	2	4	8	11	19	6	5	11	5	4	9
South-East	2	3	5	4	3	7	2	1	3	1	...	1	1	3	4	...	...	...	...	...	...	...	...	...	...	...	...	2	2	4	5	3	8	...	...	...
South	4	2	6	2	6	8	2	2	4	...	...	...	3	1	4	1	5	6	1	4	5	...	1	1	2	3	5	3	4	7	2	6	8	1	1	2
South-West	4	1	5	4	3	7	4	4	8	2	3	5	3	5	8	7	4	11	7	4	11	9	4	13	2	1	3	...	1	1	1	2	3	...	1	1
West	4	7	8	1	4	5	6	10	16	7	11	18	9	9	18	10	6	16	14	11	25	15	17	32	7	3	10	3	7	10	...	1	1	...	...	...
North-West	1	2	3	2	2	4	6	7	13	8	9	17	8	8	16	9	11	20	7	9	16	7	9	16	12	13	25	4	2	6	4	3	7	4	5	9
Calm	1	1	2	2	...	2	...	...	...	1	...	1	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	2
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

61.—JUBBULPORE (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	3	3	6	5	4	9	1	2	3	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	4	4	2	3	5	1	1	2	3	6	9
North-East	7	4	11	6	1	7	5	5	10	...	...	...	3	2	5	...	1	1	...	...	...	...	...	...	1	3	4	4	9	13	6	9	15	3	9	12
East	1	3	4	...	1	1	2	...	2	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	2	1	3	1	1	2	3	...	3	1	1	2
South-East	4	1	5	2	...	2	2	..	2	2	...	2	3	2	3	...	1	1	...	...	...	...	...	...	...	...	...	5	...	5	5	2	7	8	1	9
South	4	...	4	1	...	1	4	2	6	1	...	1	1	1	2	1	1	2	...	...	...	1	1	2	1	1	2	5	4	9	5	...	5	6	...	6
South-West	...	...	...	...	2	2	3	2	5	1	4	5	5	10	15	5	6	11	5	6	11	5	8	13	3	3	6	4	...	4	1	4	5	...	1	1
West	...	5	5	4	3	7	8	2	10	15	14	29	16	11	27	16	13	29	23	23	46	24	18	42	15	7	22	5	4	9	...	2	2	3	2	5
North-West	3	5	8	4	13	17	1	10	11	7	10	17	2	4	6	5	6	11	2	2	4	1	2	3	5	7	12	1	4	5	1	6	7	1	5	6
Calm	9	10	19	7	5	12	5	8	13	3	2	5	2	1	3	3	2	5	1	...	1	...	2	2	3	4	7	4	6	10	5	3	8	6	6	12
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

62.—SAUGOR (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	...	4	4	1	3	4	2	3	5	5	1	6	...	4	4	...	5	5	1	...	1	1	1	2	3	8	11	2	10	12	1	8	9	2	7	9
North-East	9	5	14	11	5	16	5	1	6	3	...	3	2	3	5	1	2	3	1	2	3	...	...	...	3	3	6	3	6	9	7	4	11	12	11	23
East	11	1	12	3	1	4	2	...	2	...	...	...	4	1	5	...	...	...	...	...	...	...	...	...	1	1	2	6	4	10	5	5	10	7	1	8
South-East	5	1	6	4	2	6	1	...	1	...	...	...	1	2	3	...	2	2	...	...	...	...	...	...	...	...	...	3	1	4	6	4	10	5	3	8
South	2	...	2	3	...	3	3	...	3	...	1	1	...	2	2	...	3	3	2	2	4	...	...	...	...	1	1	3	2	5	1	1	2	2	...	2
South-West	2	9	11	3	6	9	6	5	11	4	4	8	15	7	22	12	6	18	15	12	27	13	12	25	8	3	11	6	1	7	7	1	8	1	3	4
West	2	8	10	2	4	6	9	7	16	7	11	18	8	6	14	14	7	21	11	13	24	14	15	29	11	6	17	4	2	6	1	2	3	...	3	3
North-West	...	3	3	2	8	10	3	15	18	11	13	24	1	6	7	3	5	8	1	2	3	3	3	6	4	8	12	4	5	9	2	5	7	2	3	5
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

63.—PACHMARHI (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	1	2	3	2	3	5	1	2	3	4	1	5	1	1	2	1	1	2	1	...	1	...	...	...	1	3	4	2	1	3	1	3	4	3	6	9
North-East	3	...	3	2	...	2	2	...	2	1	1	2	1	2	3	...	2	2	...	...	...	...	...	...	5	3	8	3	7	10	3	9	12	5	7	12
East	4	8	12	4	2	6	2	1	3	1	1	2	4	3	7	...	2	2	...	...	...	...	...	...	2	1	3	7	8	15	8	5	13	6	5	11
South-East	3	2	5	6	4	10	3	1	4	1	...	1	3	1	4	...	1	1	...	...	...	1	1	2	...	...	...	9	6	15	9	4	13	7	3	10
South	5	1	6	...	2	2	2	1	3	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...
South-West	3	4	7	6	5	11	3	2	5	1	1	2	3	8	11	7	7	14	4	7	11	5	6	11	...	1	1	1	...	1	4	...	4	...	1	1
West	5	3	8	6	5	11	9	11	20	10	17	27	14	11	25	15	11	26	21	19	40	22	19	41	8	9	17	1	3	4	1	1	2	2	1	3
North-West	2	6	8	3	7	10	9	13	22	9	9	18	5	3	8	7	6	13	5	5	10	4	5	9	10	9	19	3	3	6	2	5	7	4	6	10
Calm	5	5	10	...	1	1	...	...	...	3	...	3	...	1	1	...	...	...	...	...	...	...	...	...	3	4	7	5	3	8	1	3	4	4	2	6
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

64.—HOSHANGABAD (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	...	...	...	...	...	...	...	1	1	...	...	...	...	1	1	1	...	1	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
North-East	15	8	23	11	5	16	6	1	7	1	...	1	1	1	2	...	...	...	...	...	...	...	...	...	...	...	...	7	3	10	7	5	12	5	4	9
East	12	9	21	9	3	12	7	...	7	3	1	4	3	...	3	...	1	1	...	...	...	...	...	...	...	...	...	4	4	8	4	4	8	7	7	14
South-East	...	...	...	1	...	1	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South	...	...	...	1	1	2	...	1	1	1	1	2	1	1	2	.	2	2	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South-West	...	1	1	1	3	4	3	3	6	5	2	7	7	6	13	9	5	14	9	9	18	11	11	22	3	4	7	...	...	...	...	...	...	...	...	...
West	...	4	4	...	2	2	4	9	13	10	11	21	12	12	24	14	7	21	18	17	35	17	15	32	6	5	11	...	...	...	...	...	...	...	...	...
North-West	...	...	...	...	...	...	1	4	5	3	13	16	...	1	1	2	2	4	...	...	...	...	...	...	1	1	2	...	1	1	...	...	...	...	...	...
Calm	4	9	13	6	15	21	10	12	22	7	2	9	6	9	15	4	13	17	3	5	8	3	5	8	20	20	40	20	23	43	19	21	40	19	20	39
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

65.—KHANDWA (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	2	3	5	5	4	9	5	2	7	7	...	7	2	3	5	...	2	2	...	...	...	...	...	...	1	8	9	4	8	12	2	6	8	4	6	10
North-East	11	11	22	6	3	9	3	2	5	2	...	2	1	1	2	...	...	...	...	...	...	...	...	...	...	...	...	9	10	19	15	13	28	17	19	36
East	4	3	7	6	...	6	2	2	4	...	...	...	2	...	2	...	...	...	...	...	...	...	...	...	...	...	...	4	5	9	6	3	9	4	1	5
South-East	2	1	3	4	2	6	...	...	...	...	...	...	1	1	2	...	...	...	...	...	...	...	...	...	...	...	...	5	2	7	2	...	2	2	...	2
South	1	1	2	1	4	5	1	3	4	...	...	...	2	2	4	...	3	3	...	...	...	1	1	2	...	...	...	4	3	7	2	4	6	1	...	1
South-West	1	3	4	...	5	5	2	...	2	...	...	...	1	...	1	...	5	5	2	2	4	5	1	6	...	...	...	...	1	1	1	1	2	1	...	1
West	3	4	7	3	4	7	7	9	16	10	8	18	16	9	25	20	12	32	27	23	50	24	23	47	9	8	17	1	2	3	1	...	1	...	1	1
North-West	2	3	5	4	6	10	7	11	18	10	22	32	5	13	18	8	8	16	2	5	7	1	6	7	19	13	32	2	1	3	...	2	2	...	3	3
Calm	5	2	7	...	1	1	4	2	6	1	...	1	1	2	3	2	...	2	...	1	1	...	...	...	1	1	2	...	2	2	1	1	2	2	1	3
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

66.—CHANDA (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	1	4	5	2	...	2	3	3	6	1	...	1	1	1	2	...	1	1	...	...	...	...	...	...	1	...	1	4	3	7	8	7	15	4	4	8
North-East	3	...	3	2	2	4	2	...	2	...	...	...	1	3	4	...	1	1	...	...	...	...	...	...	...	...	...	4	6	10	6	7	13	6	13	19
East	5	4	9	3	2	5	3	5	8	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	6	2	8	6	1	7	6	1	7
South-East	8	2	10	7	4	11	3	5	8	5	4	9	2	5	7	...	2	2	...	...	...	...	...	...	...	...	...	5	2	7	3	3	6	4	...	4
South	5	1	6	4	1	5	12	1	13	8	6	14	4	2	6	1	1	2	...	1	1	...	...	...	1	...	1	1	...	1	2	...	2	2	...	2
South-West	...	...	...	2	...	2	2	...	2	3	...	3	4	1	5	4	7	11	6	11	17	15	14	29	3	2	5	1	1	2	...	...	...	...	...	...
West	...	1	1	1	3	4	2	4	6	3	7	10	9	8	17	17	12	29	23	17	40	15	16	31	5	6	11	...	...	...	...	...	...	...	...	...
North-West	4	5	9	4	3	7	3	5	8	9	12	21	10	7	17	8	4	12	2	2	4	1	1	2	15	2	17	4	...	4	3	2	5	7	6	13
Calm	5	14	19	4	14	18	1	8	9	1	1	2	...	3	3	...	2	2	...	...	...	...	...	...	5	20	25	6	17	23	2	4	6	2	7	9
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

67.—SIRONCHA (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	4	4	8	1	4	5	1	4	5	1	5	6	2	4	6	4	6	10	...	...	...	...	3	3	1	7	8	5	10	15	10	8	18	15	13	28
North-East	2	1	3	2	2	4	...	2	2	...	1	1	1	1	2	1	...	1	...	...	...	...	1	1	...	3	3	3	10	13	5	5	10	1	6	7
East	1	1	2	2	5	7	4	2	6	1	...	1	2	1	3	...	1	1	...	...	...	1	1	2	...	1	1	2	6	8	3	5	8	2	1	3
South-East	7	3	10	7	2	9	9	3	12	7	3	10	6	2	8	2	1	3	...	1	1	...	1	1	3	...	3	3	1	4	3	3	6	...	...	...
South	6	1	7	9	3	12	11	2	13	10	5	15	10	6	16	3	1	4	1	3	4	...	3	3	5	2	7	5	...	5	3	...	3	...	...	...
South-West	2	3	5	1	4	5	3	6	9	6	8	14	3	4	7	6	7	13	13	5	18	10	7	17	5	2	7	1	...	1	1	...	1	...	...	...
West	...	1	1	3	1	4	1	2	3	2	3	5	2	7	9	6	4	10	14	12	26	16	11	27	6	4	10	3	...	3	...	1	1	...	...	...
North-West	6	13	19	1	3	4	...	8	8	1	5	6	5	5	10	5	6	11	2	7	9	4	4	8	9	11	20	5	3	8	2	1	3	4	8	12
Calm	3	4	7	3	5	8	2	2	4	2	...	2	..	1	1	3	4	7	1	3	4	...	..	...	1	...	1	4	1	5	3	7	10	9	3	12
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

68.—CHIKALDA (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	2	5	7	4	4	8	11	6	17	16	10	25	13	9	22	16	8	24	9	10	19	12	14	26	18	21	39	7	13	20	4	9	13	5	13	18
North-East	...	...	...	...	...	...	1	...	1	1	...	1	1	1	2	...	...	...	...	...	...	...	...	...	1	...	1	1	...	1	...	1	1	3	...	3
East	...	...	...	2	...	2	...	...	...	...	...	...	1	...	1	...	1	1	...	...	...	...	...	...	1	...	1	3	1	4	2	2	4	4	...	4
South-East	1	1	2	3	2	5	2	1	3	...	...	...	2	...	2	...	...	...	...	...	...	...	...	...	...	...	...	4	1	5	4	2	6	2	...	2
South	11	5	16	8	4	12	6	1	7	2	...	2	1	3	4	1	2	3	1	1	2	...	...	...	...	...	...	7	...	7	8	3	11	4	...	4
South-West	5	2	7	2	5	7	2	2	4	...	...	...	2	...	2	...	...	...	2	1	3	1	1	2	...	...	...	1	...	1	1	1	2	4	1	5
West	...	1	1	1	3	4	1	4	5	...	8	8	...	7	7	2	8	10	6	9	15	3	1	4	1	...	1	...	...	...	3	...	3	2	...	2
North-West	4	6	10	3	8	11	4	8	12	8	10	18	10	8	18	7	7	14	10	9	19	7	7	14	3	6	9	...	4	4	...	6	6	...	6	6
Calm	8	11	19	6	3	9	4	9	13	3	2	5	1	3	4	4	4	8	3	1	4	8	8	16	6	3	9	8	12	20	8	6	14	10	11	21
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

69.—BULDANA (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	tal.	10 hours.	16 hours.	Total.
North	1	8	9	5	3	8	8	10	18	14	6	20	5	4	9	2	5	7	1	1	2	...	2	2	4	7	11	4	6	10	1	3	4	...	3	3
North-East	...	6	6	4	2	6	3	1	4	1	1	2	1	3	4	...	1	1	...	...	...	...	...	...	...	1	1	2	13	15	5	12	17	5	17	22
East	4	2	6	1	2	3	3	1	4	...	...	...	...	3	3	...	...	...	...	...	...	...	...	...	...	1	1	9	6	15	15	7	22	16	6	22
South-East	13	1	14	5	2	7	1	1	2	...	...	...	1	...	1	1	...	1	...	...	...	...	...	...	...	...	...	7	2	9	4	3	7	7	4	11
South	7	1	8	4	4	8	3	...	3	...	...	...	2	...	2	1	2	3	...	...	...	...	...	...	...	...	...	5	1	6	3	1	4	2	...	2
South-West	1	3	4	3	2	5	2	1	3	...	...	...	...	...	...	2	6	8	3	2	5	3	2	5	...	...	...	...	...	...	...	1	1	...	...	...
West	3	3	6	...	3	3	...	2	2	1	2	3	2	5	7	4	5	9	18	13	31	16	8	24	1	1	2	...	1	1	...	...	...	...	...	...
North-West	2	3	5	7	7	14	8	9	17	13	21	34	19	16	35	19	11	30	9	15	24	12	19	31	25	20	45	4	2	6	2	2	4	...	1	1
Calm	...	4	4	...	4	4	3	6	9	1	...	1	1	...	1	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	1	...	1
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

70.—AKOLA (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	1	4	5	2	2	4	3	1	4	3	2	5	4	5	9	2	4	6	2	2	4	2	2	4	1	5	6	4	6	10	4	5	9	5	4	9
North-East	9	7	16	5	2	7	3	2	5	...	...	...	...	4	4	...	...	...	...	...	...	...	...	...	...	...	...	6	6	12	14	16	30	11	20	31
East	10	3	13	4	1	5	4	2	6	...	...	...	2	...	2	...	...	...	...	...	...	...	...	...	...	...	...	1	4	5	5	5	10	6	4	10
South-East	2	2	4	3	2	5	2	2	4	...	...	...	1	2	3	...	...	...	...	...	...	...	...	...	...	...	...	...	2	2	2	2	4	2	...	2
South	...	1	1	2	1	3	1	2	3	...	...	...	1	...	1	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South-West	1	2	3	4	6	10	3	9	12	...	...	...	...	...	...	3	2	5	2	1	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
West	2	3	5	2	3	5	5	1	6	5	5	10	2	4	6	5	7	12	6	8	14	6	2	8	6	2	8	4	6	10	...	...	...	...	...	...
North-West	5	8	13	7	11	18	10	10	20	19	20	39	19	16	35	20	16	36	21	20	41	23	27	50	22	22	44	3	3	6	1	1	2	...	...	...
Calm	1	1	2	...	1	1	...	2	2	3	3	6	2	...	2	...	...	...	...	...	...	...	...	...	1	1	2	13	4	17	4	1	5	8	3	11
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

71.—AMRAOTI (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	...	1	1	2	3	5	2	2	4	5	4	9	1	...	1	1	3	4	1	3	4	...	1	1	4	8	12	2	3	5	...	1	1	...	3	3
North-East	3	1	4	5	2	7	6	1	7	3	1	4	...	3	3	...	...	...	...	...	...	...	...	...	1	3	4	5	8	13	4	8	12	5	10	15
East	13	10	23	5	4	9	5	4	9	...	...	...	1	2	3	...	2	2	...	1	1	...	...	...	2	...	2	10	14	24	13	10	23	16	15	31
South-East	7	4	11	8	3	11	7	3	10	1	1	2	3	4	7	...	1	1	...	...	...	...	...	...	...	3	3	3	1	4	6	7	13	7	1	8
South	2	1	3	2	1	3	1	2	3	1	...	1	...	2	2	1	...	1	...	...	...	...	...	...	...	...	...	3	...	3	2	1	3	1	...	1
South-West	2	2	4	3	9	12	4	5	9	2	4	6	7	1	8	5	4	9	6	5	11	5	4	9	2	2	4	2	...	2	3	...	3	1	...	1
West	2	7	9	2	5	7	3	8	11	7	12	19	11	12	23	18	15	33	17	14	31	20	17	37	7	5	12	3	...	3	2	1	3	...	1	1
North-West	2	5	7	2	1	3	3	6	9	10	8	18	8	7	15	5	5	10	7	8	15	6	9	15	13	8	21	1	3	4	...	1	1	1	1	2
Calm	...	...	...	...	1	1	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	1	2	2	2	4	...	1	1	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

72.—MAKHLA (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	2	3	5	1	...	1	3	1	4	6	1	7	2	2	4	2	1	3	...	1	1	1	...	1	2	3	5	5	2	7	6	2	8	3	...	3
North-East	2	1	3	1	...	1	1	...	1	...	...	...	...	1	1	...	...	...	2	...	2	...	1	1	2	4	6	3	5	8	3	...	3	...	...	...
East	1	...	1	1	...	1	3	1	4	...	...	...	1	...	1	...	...	...	1	...	1	...	1	1	1	1	2	...	1	1	1	3	4	...	1	1
South-East	7	...	7	5	3	8	2	1	3	...	...	...	3	2	5	...	3	3	1	1	2	3	2	5	2	...	2	3	1	4	...	...	...	...	1	1
South	12	6	18	6	4	10	2	3	5	1	1	2	...	...	...	2	6	8	...	2	2	1	...	1	4	2	6	5	2	7	3	10	13	4	17	21
South-West	2	3	5	3	6	9	7	5	12	5	4	9	9	8	17	11	6	17	14	11	25	14	15	29	6	8	14	6	8	14	4	7	11	5	9	14
West	1	3	4	2	4	6	3	2	5	2	2	4	7	5	12	7	6	13	4	2	6	...	...	...	5	2	7	1	4	5	5	5	10	5	1	6
North-West	4	15	19	10	12	22	10	16	26	16	22	38	9	13	22	8	7	15	9	14	23	12	12	24	8	10	18	8	8	16	8	3	11	14	2	16
Calm	...	...	...	...	...	...	...	2	2	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

73.—NEEMUCH (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	...	1	1	8	1	9	9	2	11	6	2	8	2	4	6	...	1	1	...	...	...	...	1	1	1	3	4	1	3	4	1	2	3	...	2	2
North-East	6	5	11	5	8	13	2	2	4	1	1	2	2	2	4	1	...	1	...	1	1	1	...	1	3	3	6	3	8	11	7	8	15	8	8	16
East	14	11	25	5	6	11	3	1	4	...	...	...	2	...	2	...	...	...	1	...	1	...	...	...	...	...	...	2	6	8	7	6	13	8	7	15
South-East	6	6	12	2	2	4	2	1	3	...	...	...	1	1	2	...	...	...	...	...	...	...	...	...	...	...	...	7	1	8	5	1	6	6	...	6
South	...	1	1	2	2	4	1	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	1	1	2	...	2	4	1	5	3	1	4
South-West	1	2	3	1	1	2	2	2	4	4	5	5	3	3	6	3	2	5	8	6	14	8	8	16	7	14	21	2	5	7	2	6	8	...	3	3
West	3	4	7	4	3	7	7	14	21	17	17	34	20	21	41	22	25	47	21	24	45	20	19	39	4	4	8	1	1	2	...	2	2	...	...	...
North-West	1	1	2	2	6	8	5	8	13	2	5	7	1	...	1	4	2	6	1	...	1	1	1	2	12	4	16	1	1	2	1	1	2	...	2	2
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	1	4	12	6	18	3	3	6	6	8	14
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

74.—NOWGONG (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	5	3	8	5	4	9	...	1	1	1	...	1	...	6	6	1	4	5	1	2	3	3	1	4	2	3	5	2	...	2	2	3	5	3	1	4
North-East	...	2	2	...	1	1	...	...	...	...	...	...	2	1	3	...	...	...	...	1	1	1	...	1	...	...	...	3	3	6	...	2	2	...	1	1
East	11	7	18	5	2	7	2	...	2	1	...	1	...	...	...	...	3	3	3	3	6	1	3	4	2	2	4	1	5	6	5	6	11	1	3	4
South-East	...	...	...	2	...	2	2	...	2	...	...	...	1	...	1	1	...	1	...	...	...	2	...	2	...	...	...	...	1	1	1	3	4	2	...	2
South	...	...	...	...	1	1	2	...	2	...	...	...	...	...	...	...	1	1	...	1	1	...	1	1	2	1	3	...	...	...	2	1	3	4	1	5
South-West	...	...	...	3	2	5	3	...	3	4	1	5	4	2	6	1	1	2	5	2	7	4	3	7	...	1	1	4	...	4	5	1	6	1	...	1
West	7	8	15	9	14	23	19	25	44	20	27	47	20	17	37	25	18	43	17	19	36	16	24	40	20	17	37	14	13	27	8	5	13	12	14	26
North-West	7	11	18	3	5	8	2	5	7	3	2	5	4	5	9	2	3	5	3	3	6	3	...	3	4	6	10	1	8	9	...	8	8	4	9	13
Calm	1	...	1	2	...	2	1	...	1	1	...	1	...	...	...	...	...	...	2	...	2	...	...	...	...	...	...	6	1	7	7	1	8	9	...	9
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

75.—SUTNA (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	5	7	12	6	6	12	1	1	2	3	1	4	2	5	7	1	6	7	2	2	4	1	1	2	2	4	6	6	12	18	8	11	19	8	7	15
North-East	1	2	3	1	...	1	2	...	2	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	1	1	4	2	6	1	4	5	...	1	1
East	11	8	19	4	3	7	4	...	4	2	1	3	2	1	3	1	...	1	4	5	9	1	2	3	5	4	9	3	4	7	8	2	10	2	2	4
South-East	3	...	3	4	...	4	1	...	1	...	...	...	1	...	1	...	1	1	...	1	1	1	...	1	2	1	3	2	1	3	3	1	4	...	3	3
South	1	2	3	5	...	5	4	...	4	1	...	1	2	...	2	1	...	1	...	2	2	3	2	5	1	...	1	...	...	...	2	...	2	4	...	4
South-West	...	1	1	...	1	1	...	2	2	1	1	2	...	3	3	...	1	1	1	3	4	...	2	2	2	...	2	...	...	...	...	...	...	...	...	...
West	6	3	9	2	5	7	13	8	21	13	12	25	15	7	22	20	7	27	19	14	33	17	12	29	14	5	19	8	2	10	6	1	7	10	1	11
North-West	2	7	9	6	14	20	5	20	25	10	15	25	9	15	24	7	14	21	4	4	8	4	8	12	2	14	16	5	9	14	1	9	10	6	18	24
Calm	2	1	3	1	...	1	1	...	1	...	...	...	...	...	...	...	...	...	1	...	1	4	4	8	2	1	3	3	1	4	1	2	3	1	1	2
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

76.—INDORE (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	3	7	10	7	9	16	8	6	14	6	6	12	2	4	6	3	3	6	2	...	2	...	1	1	11	9	20	4	9	13	4	10	14	4	14	18
North-East	2	5	7	4	4	8	6	3	9	3	1	4	2	1	3	...	1	1	...	...	...	...	...	...	2	2	4	4	6	10	5	8	13	4	8	12
East	8	2	10	6	...	6	1	...	1	1	...	1	1	1	2	...	...	...	...	...	...	...	...	...	...	1	1	6	3	9	8	3	11	12	1	13
South-East	11	4	15	6	4	10	4	...	4	...	1	1	3	...	3	...	2	2	...	1	1	...	...	...	...	...	...	9	3	12	11	3	14	11	1	12
South	2	2	4	1	1	2	2	1	3	1	...	1	2	1	3	...	1	1	1	2	3	2	3	5	...	...	...	3	1	4	1	1	2	1	...	1
South-West	3	4	7	1	6	7	2	3	5	2	2	4	7	8	15	12	8	20	10	13	23	13	10	23	3	4	7	...	2	2	...	1	1	...	1	1
West	1	1	2	2	1	3	2	8	10	7	10	17	10	8	18	8	6	14	15	12	27	15	14	29	5	5	10	1	1	2	...	1	1	...	1	1
North-West	1	5	6	1	4	5	6	9	15	10	10	20	3	7	10	7	7	14	3	3	6	1	3	4	9	7	16	1	1	2	...	2	2	...	2	2
Calm	...	1	1	1	...	1	...	1	1	...	...	...	1	1	2	...	2	2	...	...	...	...	...	...	...	2	2	3	5	8	1	2	3	2	4	6
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

77.—BICKANEER (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	7	6	13	4	5	9	7	4	11	3	8	11	4	8	12	6	4	10	2	2	4	1	2	3	2	3	5	3	6	9	6	12	18	9	10	19
North-East	2	2	4	2	1	3	1	1	2	2	1	3	3	1	4	1	2	3	1	1	2	1	1	2	1	...	1	2	...	2	1	1	2	2	...	2
East	1	...	1	2	...	2	1	1	2	...	1	1	1	2	3	1	2	3	1	3	4	3	1	4	...	...	...	4	1	5	3	3	6	3	1	4
South-East	6	2	8	3	4	7	1	4	5	3	5	8	6	...	6	3	1	4	4	7	11	1	9	10	...	2	2	1	2	3	3	1	4	1	1	2
South	5	8	13	7	7	14	7	4	11	10	9	19	8	8	16	10	8	18	11	8	19	14	12	26	13	13	26	6	7	13	5	4	9	4	6	10
South-West	3	8	11	5	1	6	4	7	11	9	3	12	5	5	10	5	7	12	9	6	15	8	2	10	9	8	17	4	6	10	4	3	7	3	3	6
West	2	3	5	2	3	5	...	7	7	2	...	2	3	5	8	3	5	8	2	2	4	2	2	4	4	2	6	8	8	16	4	4	8	4	5	9
North-West	2	...	2	1	1	2	5	1	6	1	3	4	1	2	3	1	1	2	...	2	2	...	2	2	...	1	1	1	...	1	2	2	4	3	3	6
Calm	3	2	5	3	7	10	5	2	7	...	...	...	...	...	...	...	...	...	1	...	1	1	...	1	1	1	2	2	1	3	2	...	2	2	2	4
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

78.—JEYPORE (*4 observations daily*).

	JANUARY.					FEBRUARY.					MARCH.					APRIL.					MAY.					JUNE.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	5	3	6	7	21	8	7	9	10	34	12	8	3	9	32	10	5	1	7	23	11	1	2	4	18	3	1	2	...	6
North-East	8	8	4	4	24	8	4	2	2	16	4	1	...	...	5	3	...	1	...	4	2	2	1	2	7	...	1	1	1	3
East	9	10	5	6	30	3	4	3	2	12	1	...	1	1	3	1	1	...	...	2	1	1	1	...	3	4	1	...	1	6
South-East	2	3	2	1	8	4	4	1	3	12	3	4	...	2	9	1	...	...	...	1	...	1	...	...	1	...	1	...	2	3
South	...	1	1	1	3	...	2	1	...	3	...	3	1	1	5	...	1	...	...	1	...	1	...	...	1	2	1	1	1	5
South-West	1	4	2	1	8	1	2	1	2	6	1	4	3	4	12	...	1	...	...	1	...	2	2	...	4	1	1	2	1	5
West	2	...	3	4	9	1	1	4	2	8	3	1	5	3	12	1	4	6	5	16	4	8	8	6	26	6	7	10	5	28
North-West	4	2	6	5	17	4	5	8	6	23	7	10	18	10	45	10	18	22	17	67	9	14	17	14	54	12	17	14	15	58
Calm	...	...	2	2	4	...	...	...	2	2	...	...	...	1	1	4	...	...	1	5	4	1	...	5	10	2	...	...	4	6
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

	JULY.					AUGUST.					SEPTEMBER.					OCTOBER.					NOVEMBER.					DECEMBER.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	2	2	3	...	7	3	3	4	1	11	10	8	5	3	26	9	2	3	3	17	4	3	5	3	15	5	6	3	3	17
North-East	1	2	1	3	7	1	1	2	...	4	5	4	3	1	13	4	4	4	2	14	4	4	4	1	13	2	3	3	2	10
East	1	3	4	4	12	3	3	4	2	12	2	1	3	1	7	3	4	4	3	14	4	7	4	4	19	...	...	...	...	...
South-East	2	...	2	3	7	3	3	1	2	9	1	1	...	2	4	4	3	2	4	13	2	3	2	...	7	1	...	...	...	1
South	1	...	1	...	2	1	...	1	2	4	...	...	...	...	...	...	...	2	...	2	...	1	...	...	1	...	1	...	1	2
South-West	1	...	4	1	6	...	3	3	2	8	...	...	...	...	...	1	2	1	2	6	...	1	2	...	3	3	2	7	5	17
West	4	3	5	6	18	3	...	5	5	13	...	...	2	...	2	...	2	1	...	3	3	3	2	4	12	7	9	10	8	34
North-West	10	19	11	4	44	11	18	10	10	49	7	16	17	15	55	2	14	12	5	33	3	4	6	1	14	11	9	8	11	39
Calm	9	2	...	10	21	6	...	1	7	14	5	...	...	8	13	8	...	2	12	22	10	4	5	17	36	2	1	...	1	4
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

79.—SAMBHAR (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	10	6	16	12	5	17	5	3	8	4	3	7	1	...	1	...	...	...	...	3	3	2	...	2	4	5	9	4	6	10	4	3	7	9	7	16
North-East	10	2	12	5	1	6	2	...	2	1	...	1	1	...	1	...	...	...	2	2	4	1	2	3	2	3	5	7	...	7	4	3	7	4	1	5
East	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	1	1	2	2	2	4	3	1	4	1	...	1	2	1	3	3	4	7	...	...	...
South-East	4	3	7	5	2	7	3	1	4	...	...	...	...	...	...	...	...	...	1	2	3	2	5	7	...	...	...	1	3	4	3	2	5	3	1	4
South	2	2	4	1	1	2	3	1	4	...	...	...	2	...	2	...	...	...	...	...	...	2	...	2	...	...	...	...	...	...	2	2	4	2	1	3
South-West	...	1	1	...	1	1	2	2	4	2	...	2	1	4	5	...	4	4	2	4	6	4	4	8	...	1	1	1	...	1	1	1	2	2	1	3
West	2	9	11	2	10	12	6	8	14	13	12	25	18	17	35	24	16	40	15	11	26	14	12	26	11	11	22	6	9	15	3	7	10	6	12	18
North-West	3	8	11	4	9	13	9	16	25	9	15	24	8	10	18	5	9	14	9	7	16	5	5	10	12	10	22	10	12	22	10	8	18	5	8	13
Calm	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

80.—AJMERE (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	1	2	3	1	5	6	...	...	...	2	2	4	1	...	1	...	...	...	...	1	1	...	...	...	1	...	1	1	3	4	...	...	...	...	5	5
North-East	6	5	11	7	6	13	5	1	6	1	...	1	1	3	4	1	2	3	...	2	2	1	3	4	2	6	8	5	4	9	6	12	18	3	2	5
East	...	1	1	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	1	...	1	...	...	...	...	1	1	...	1	1	...	...	...
South-East	9	6	15	7	2	9	3	1	4	...	...	...	4	1	5	...	...	...	...	...	...	2	1	3	...	...	...	2	2	4	4	2	6	6	4	10
South	3	2	5	1	1	2	3	2	5	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	5	1	6	4	1	5	1	2	3
South-West	4	2	6	5	1	6	3	3	6	7	2	9	4	9	13	3	2	5	5	6	11	3	6	9	1	...	1	7	4	11	10	2	12	8	3	11
West	1	1	2	...	3	3	9	13	22	15	20	35	16	12	28	21	15	36	14	12	26	17	14	31	19	15	34	3	5	8	...	...	...	...	2	2
North-West	1	5	6	5	9	14	6	10	16	4	6	10	4	6	10	5	11	16	10	10	20	6	4	10	7	9	16	7	7	14	3	9	12	4	13	17
Calm	6	7	13	3	2	5	2	1	3	1	...	1	...	...	...	...	...	...	2	...	2	1	2	3	...	...	...	1	4	5	3	3	6	9	...	9
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

81.—MOUNT ABU (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	3	4	7	4	5	9	2	5	7	5	4	9	...	...	...	...	...	...	...	...	...	1	2	3	...	3	3	...	2	2	2	3	5	7	8	15
North-East	6	7	13	5	8	13	4	2	6	1	1	2	2	...	2	...	...	...	...	1	1	2	...	2	6	4	10	4	4	8	6	11	17	8	8	16
East	1	1	2	2	...	2	...	...	...	...	...	...	2	2	4	...	...	...	1	1	2	...	...	...	...	...	...	5	...	5	5	4	9	3	1	4
South-East	2	...	2	2	1	3	...	...	...	1	...	1	2	...	2	...	1	1	1	1	2	...	1	1	...	...	...	3	2	5	11	3	14	6	2	8
South	2	2	4	4	1	5	3	...	3	...	...	...	2	1	3	3	1	4	2	2	4	1	2	3	2	1	3	3	1	4	1	...	1	1	1	2
South-West	8	6	14	6	4	10	8	4	12	4	4	8	7	6	13	17	19	36	11	15	26	17	16	33	12	14	26	6	10	16	1	3	4	1	...	1
West	6	6	12	4	7	11	11	14	25	14	14	28	12	17	29	9	8	17	15	9	24	9	6	15	7	5	12	4	6	10	2	3	5	2	5	7
North-West	1	5	6	2	3	5	2	5	7	5	5	10	4	5	9	1	1	2	1	...	1	1	1	2	3	3	6	5	4	9	2	2	4	3	5	8
Calm	2	...	2	...	...	...	1	1	2	...	2	2	...	...	...	...	...	...	2	2	4	...	3	3	...	...	...	2	2	4	...	1	1	...	1	1
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

82.—PACHPADRA (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	8	5	13	2	6	8	2	1	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	2	...	2	2	2	...	2	...	1	1
North-East	11	5	16	6	4	10	2	...	2	1	...	1	...	...	...	...	...	...	...	1	1	1	1	2	...	2	2	2	3	5	4	6	10	4	5	9
East	5	2	7	8	1	9	2	...	2	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	2	1	3	...	6	6	6	6	12
South-East	4	...	4	...	...	...	2	3	5	...	...	...	...	2	2	1	1	2	...	2	2	2	2	4	1	1	2	...	1	1	1	1	2	...	...	...
South	...	3	3	1	1	2	3	1	4	1	1	2	1	2	3	...	2	2	3	3	6	6	6	12	4	4	8	...	3	3	...	1	1	...	...	...
South-West	...	4	4	4	4	8	9	17	26	14	13	27	20	21	41	26	26	52	23	22	45	17	15	32	11	19	30	3	4	7	2	1	3	...	2	2
West	...	...	...	...	4	4	3	1	4	1	...	1	...	1	1	...	...	...	...	...	...	1	...	1	...	...	...	...	1	1	...	2	2	...	2	2
North-West	...	3	3	...	1	1	2	6	8	4	15	19	1	2	3	...	...	...	...	...	...	1	2	3	3	...	3	1	2	3	...	1	1	...	...	...
Calm	3	9	12	8	8	16	6	2	8	8	...	8	8	3	11	2	...	2	5	3	8	3	5	8	10	3	13	23	14	37	21	12	33	21	15	36
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

83.—JACOBABAD (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	4	2	6	3	2	5	4	2	6	3	1	4	3	1	4	1	1	2	...	...	...	...	...	...	...	...	...	1	2	3	1	...	1	...	1	1
North-East	3	7	10	3	5	8	2	1	3	4	1	5	3	1	4	2	2	4	...	...	...	1	...	1	...	...	...	2	1	3	1	1	2	4	...	4
East	4	2	6	3	...	3	6	2	8	5	3	8	2	2	4	6	2	8	8	4	12	6	3	9	2	1	3	5	2	7	6	3	9	5	2	7
South-East	2	1	3	2	...	2	2	6	8	3	1	4	2	3	5	10	11	21	13	19	32	19	14	33	7	13	20	6	2	8	1	...	1	...	1	1
South	2	...	2	...	1	1	1	4	5	...	5	5	2	3	5	3	6	9	3	4	7	2	6	8	8	6	14	1	1	2	...	1	1	1	1	2
South-West	1	2	3	1	3	4	2	6	8	1	5	6	3	7	10	2	1	3	4	...	4	1	2	3	1	4	5	3	3	6	...	...	...	1	3	4
West	1	2	3	1	3	4	3	...	3	2	3	5	2	4	6	1	1	2	...	...	...	...	...	...	...	...	...	1	...	1	...	1	1	1	3	4
North-West	5	3	8	2	5	7	5	5	10	7	7	14	9	4	13	1	...	1	...	2	2	1	...	1	...	...	...	1	1	2	5	2	7	2	3	5
Calm	9	12	21	14	10	24	6	5	11	5	4	9	5	6	11	4	5	9	3	2	5	1	6	7	12	6	18	10	18	28	16	22	38	17	17	34
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

84.—HYDERABAD (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	2	1	3	1	2	3	1	1	2	...	...	...	Untrustworthy.															2	2	4	...	...	...			
North-East	17	15	32	18	14	32	3	2	5	1	1	2																7	7	14	22	22	44			
East	2	...	2	2	2	4	1	1	2	1	...	1																1	1	2	...	...	...			
South-East	...	...	...	...	...	...	2	...	2	...	...	...																...	...	...	...	...	...			
South	...	...	...	...	...	...	1	2	3	...	...	...																...	...	...	...	...	...			
South-West	2	4	6	4	3	7	15	11	26	23	26	49																10	10	20	5	5	10			
West	...	...	...	...	...	...	2	3	5	...	...	...																...	...	...	...	...	...			
North-West	1	...	1	...	1	1	3	5	8	1	1	2																1	1	2	4	4	8			
Calm	7	11	18	4	7	11	3	6	9	4	2	6																...	...	...	...	...	...			
Variable	...	...	...	...	...	...	...	...	...	...	...	...																...	...	...	...	...	...			

85.—KURRACHEE (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	3	...	3	1	...	1	1	...	1	2	...	2	3	...	3	...	...	...	...	...	...	...	...	...	...	...	...	3	...	3	5	..	5	3	...	3
North-East	12	6	18	8	4	12	1	...	1	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6	2	8	11	4	15	15	6	21
East	12	6	18	11	2	13	1	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	2	6	6	2	8	8	3	11
South-East	1	1	2	2	1	3	1	...	1	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	1	2	3	...	...	...
South	...	1	1	...	3	3	...	...	...	1	...	1	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	3	3	...	2	2
South-West	...	9	9	2	10	12	7	15	22	5	9	14	4	7	11	12	17	29	10	14	24	12	14	26	15	17	32	6	11	17	1	10	11	...	9	9
West	3	6	9	4	8	12	14	15	29	18	20	38	18	21	39	17	12	29	19	16	35	18	17	35	15	13	28	9	16	25	4	9	13	4	10	14
North-West	...	2	2	1	1	2	6	...	6	2	1	3	6	3	9	1	...	1	2	1	3	1	...	1	...	...	..	2	...	2	2	...	2	1	1	2
Calm	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

86.—BHUJ (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	9	5	14	5	8	13	7	2	9	3	2	5	4	..	4	...	...	...	...	1	1	1	...	1	1	...	1	6	2	8	5	4	9	4	8	12
North-East	1	13	14	6	7	13	...	2	2	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	7	5	12	8	9	17	10	12	22
East	12	2	14	8	3	11	2	...	2	1	...	1	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	3	6	9	10	7	17	11	5	16
South-East	4	...	4	1	...	1	...	...	...	...	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	2	3	3	6	2	...	2
South	...	1	1	1	...	1	...	...	...	...	...	...	1	1	2	...	...	...	...	...	...	1	...	1	...	...	...	1	1	2	...	3	3	...	...	...
South-West	...	1	1	2	...	2	6	3	9	...	2	2	3	3	6	16	14	30	7	11	18	6	6	12	7	7	14	1	5	6	1	1	2	...	1	1
West	...	4	4	2	8	10	9	15	24	20	17	37	16	22	38	14	16	30	22	18	40	22	23	45	16	19	35	5	7	12	1	1	2	1	2	3
North-West	5	4	9	4	3	7	7	9	16	6	7	13	6	3	9	...	...	...	1	1	2	1	2	3	6	4	10	7	4	11	2	1	3	3	2	5
Calm	...	1	1	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	1	1	...	1	1
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

87.—RAJKOT (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	9	8	7	8	9	17	10	8	18	5	4	9	3	3	6	...	...	...	...	1	1	...	...	...	1	1	2	6	7	13	5	4	9	3	10	13
North-East	9	10	19	7	6	13	6	2	8	...	1	11	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	10	7	17	7	8	15	13	12	25
East	2	2	4	2	1	3	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	1	3	13	6	19	14	5	19
South-East	1	3	4	2	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	2	2	4	6	...	...	...
South	3	...	3	...	1	1	...	...	...	...	...	...	...	1	1	5	3	8	2	2	4	...	...	...	...	1	1	...	1	1	...	1	1	...	...	...
South-West	...	...	...	1	1	2	...	2	2	7	2	9	4	3	7	16	15	31	15	15	30	9	11	20	3	2	5	2	4	6	...	1	1	...	...	...
West	...	1	1	2	2	4	5	5	10	8	12	20	17	15	32	8	12	20	12	11	23	21	20	41	16	13	29	2	4	6	1	2	3	...	...	...
North-West	6	7	13	7	9	16	10	14	24	10	11	21	6	9	15	1	...	1	2	2	4	1	...	1	10	13	23	7	7	14	2	4	6	1	4	5
Calm	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

88.—DEESA (*4 observations daily*).

	JANUARY.					FEBRUARY.					MARCH.					APRIL.				
	4½ hours.	10½ hours.	16½ hours.	22½ hours.	Total.	4½ hours.	10½ hours.	16½ hours.	22½ hours.	Total.	4½ hours.	10½ hours.	16½ hours.	22½ hours.	Total.	4½ hours.	10½ hours.	16½ hours.	22½ hours.	Total.
North	2	2	8	11	23	4	3	7	12	26	5	6	3	5	19	3	3	4	2	12
North-East	17	11	3	9	40	14	10	...	5	29	9	3	...	1	13	1	2	...	...	3
East	10	11	...	3	24	4	3	...	2	9	2	4	...	...	6	...	...	...	...	...
South-East	...	3	1	2	6	2	4	...	1	7	...	2	...	...	2	...	...	...	...	...
South	1	1	2	...	4	1	4	3	2	10	1	2	...	...	3	1	...	...	...	1
South-West	...	...	7	1	8	1	...	4	2	7	4	3	6	5	18	8	9	9	9	35
West	...	1	6	1	8	2	3	5	2	12	5	7	15	12	39	11	10	15	15	51
North-West	...	1	4	3	8	1	2	10	3	16	3	3	6	7	19	4	6	2	4	16
Calm	1	...	...	1	2	...	...	...	...	...	1	...	...	...	1	2	...	...	...	2
Variable	...	..	...	..	...	...		...	...	...	...	...	...	...	...	...	...	...	...	...

	MAY.					JUNE.				
	4½ hours.	10½ hours.	16½ hours.	22½ hours.	Total.	4½ hours.	10½ hours.	16½ hours.	22½ hours.	Total.
North	2	3	...	...	5	...	...	...	...	...
North-East	2	...	...	...	2	..	...	...	1	1
East	...	2	...	...	2	...	...	...	...	...
South-East	1	1	1	1	4	1	...	...	2	3
South	5	5	3	1	14	5	6	5	8	24
South-West	13	12	14	14	53	19	19	19	14	71
West	4	4	10	8	26	1	1	...	1	3
North-West	2	3	...	4	9	...	1	...	...	1
Calm	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...

	JULY.					AUGUST.					SEPTEMBER.					OCTOBER.				
	4½ hours.	10½ hours.	16½ hours.	22½ hours.	Total.	4½ hours.	10½ hours.	16½ hours.	22½ hours.	Total.	4½ hours.	10½ hours.	16½ hours.	22½ hours.	Total.	4½ hours.	10½ hours.	16½ hours.	22½ hours.	Total.
North	...	...	...	...	...	...	1	...	...	1	4	3	1	...	8	3	4	3	6	16
North-East	...	1		...	1	...	...	...	...	...	1	...	2	1	4	12	7	4	7	30
East	...	...	1	...	1	...	...	...	...	...	...	...	...	1	1	7	6	4	4	21
South-East	1	1	1	2	5	1	...	...	1	2	...	1	...	...	1	4	4	1	2	11
South	9	5	5	6	25	2	4	7	6	19	...	...	1	2	3	2	6	3	3	14
South-West	13	16	17	16	62	14	14	13	13	54	11	6	14	10	41	2	...	7	1	10
West	2	1	...	...	3	6	5	4	4	19	9	11	8	11	39	...	...	5	6	11
North-West	...	...	...	...	...	...	...	...	...	...	5	9	4	5	23	1	2	4	2	9
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	...	2
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

	NOVEMBER.					DECEMBER.				
	4½ hours.	10½ hours.	16½ hours.	22½ hours.	Total.	4½ hours.	10½ hours.	16½ hours.	22½ hours.	Total.
North	4	2	5	4	15	11	4	7	12	34
North-East	8	8	7	6	29	16	14	4	9	43
East	13	10	3	7	33	2	10	1	1	14
South-East	2	7	6	4	19	...	1	1	...	2
South	1	1	3	2	7	1	...	...	..	1
South-West	1	2	2	3	8	...	...	2	1	3
West	1	...	2	3	6	...	...	8	3	11
North-West	...	...	2	1	3	...	...	6	4	10
Calm	...	...	...	...	...	...	...	1	...	1
Variable	...	...	...	...	...	...	...	...	..	...

89.—SURAT (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	2	1	3	2	...	2	2	...	2	...	...	...	3	...	3	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
North-East	2	1	3	16	15	31	19	3	22	13	2	15	2	...	2	1	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
East	2	...	2	3	1	4	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
South-East	1	...	1	1	...	1	3	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	..	..	...	...	...	...	...	...	...	...	...
South	1	4	5	...	...	...	1	...	1	...	...	...	1	1	2	4	1	5	...	...	...	1	1	2	8	5	13	14	11	25	25	8	33	25	3	28
South-West	5	4	9	1	2	3	3	4	7	15	25	40	20	25	45	16	22	38	18	26	44	26	27	53	22	25	47	17	20	37	5	20	25	4	8	12
West	10	10	20	3	5	8	1	8	9	1	1	2	4	5	9	6	4	10	12	4	16	4	3	7	..	...	...	...	...	...	...	...	...	2	19	21
North-West	8	11	19	3	6	9	2	16	18	...	2	2	1	...	1	2	2	4	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

90.—MALEGAON (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	6	9	15	12	10	22	13	9	22	9	7	16	4	4	8	1	3	4	...	...	...	...	...	...	10	7	17	4	5	9	1	9	10	8	5	13
North-East	6	3	9	3	5	8	8	2	10	4	1	5	5	6	11	1	...	1	...	...	...	...	...	...	2	2	4	7	13	20	11	12	23	8	16	24
East	8	3	11	7	2	9	3	2	5	...	...	...	1	1	2	...	1	1	...	...	...	...	...	...	...	...	...	4	6	10	5	3	8	2	3	5
South-East	1	1	2	2	...	2	...	...	...	...	...	...	...	...	...	2	...	2	...	...	...	...	...	...	...	...	...	6	2	8	3	2	5	7	5	12
South	1	1	2	2	4	6	...	2	2	...	...	...	2	...	2	...	2	2	2	...	2	1	...	1	...	...	...	4	...	4	4	1	5	1	...	1
South-West	...	...	...	1	...	1	...	4	4	...	2	2	4	3	7	6	1	7	6	6	12	6	7	13	...	1	1	2	2	4	4	...	4	1	...	1
West	4	3	7	...	6	6	3	7	10	4	10	14	6	8	14	10	17	27	23	25	48	23	24	47	10	8	18	...	1	1	1	2	3	...	1	1
North-West	1	6	7	2	2	4	4	2	6	13	10	23	9	9	18	7	6	13	...	...	...	1	...	1	5	9	14	1	1	2	1	1	2	1	...	1
Calm	4	5	9	...	...	...	...	3	3	...	...	...	...	...	...	3	...	3	...	...	...	...	...	...	...	...	...	3	1	4	...	...	...	3	1	4
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

91.—BOMBAY (*4 observations daily*).

	JANUARY.					FEBRUARY.					MARCH.					APRIL.					MAY.					JUNE.				
	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.
North	5	3	2	16	26	13	4	1	14	32	10	4	1	4	19	13	4	1	2	20	4	...	...	...	4	...	...	...	1	1
North-East	14	17	2	1	34	7	10	...	...	17	5	4	...	1	10	7	3	...	...	10	3	1	...	...	4	...	...	...	...	...
East	11	9	...	1	21	5	10	...	...	15	2	6	...	...	8	2	1	...	...	3	1	1	...	...	2	...	1	...	...	1
South-East	...	2	1	...	3	1	1	...	...	2	3	3	...	...	6	1	4	...	...	5	...	...	...	...	...	8	3	...	2	13
South	...	...	...	1	1	1	1	...	1	3	2	4	...	2	8	2	1	...	1	4	2	3	...	2	7	7	11	7	9	34
South-West	...	...	1	...	1	...	..	1	...	1	2	...	2	4	8	1	4	...	2	7	8	8	3	6	25	5	7	12	11	35
West	1	...	6	3	10	...	...	8	3	11	3	1	12	8	24	3	8	18	19	48	4	7	16	9	36	9	7	9	7	32
North-West	...	...	19	9	28	2	3	19	11	35	4	9	16	12	41	1	5	11	6	23	9	11	12	14	46	1	1	2	...	4
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

	JULY.					AUGUST.					SEPTEMBER.					OCTOBER.					NOVEMBER.					DECEMBER.				
	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.	6 hours.	10 hours.	16 hours.	22 hours.	Total.
North	...	...	...	..	...	...	...	...	...	.	7	3	...	3	13	6	...	...	16	22	2	1	2	20	25	2	...	2	27	30
North-East	...	...	...	...	...	...	...	...	...	...	2	4	...	2	8	13	14	...	4	31	14	10	2	2	28	14	12	...	3	28
East	...	...	...	...	...	...	...	...	...	...	1	4	...	...	5	10	13	...	1	24	10	15	...	...	25	14	20	...	...	34
South-East	...	...	...	...	...	...	...	...	...	...	2	3	...	...	5	1	1	...	...	2	3	2	1	2	8	1	...	...	...	1
South	...	...	...	1	1	...	...	...	...	...	...	2	...	1	3	1	2	...	...	3	1	1	1	2	5	...	...	...	...	...
South-West	11	10	9	12	42	10	10	8	10	38	2	1	3	2	8	...	...	...	...	...	...	...	2	...	2	...	...	...	...	...
West	20	20	19	16	75	20	19	21	21	81	8	7	12	9	36	...	...	13	2	15	...	...	7	2	9	...	...	9	...	9
North-West	...	1	3	2	6	1	2	2	...	5	8	6	15	13	42	...	1	18	8	27	...	1	15	2	18	...	...	22	6	22
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

92.—POONA (*4 observations daily*).

	JANUARY.					FEBRUARY.					MARCH.					APRIL.					MAY.					JUNE.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	...	...	1	...	1	1	1	...	...	2	...	1	1	2	4	1	2	...	1	4	...	...	...	...	...	...	...	...	...
North-East	1	4	8	3	16	...	4	1	...	5	...	3	3	...	6	...	4	1	...	5	...	...	1	...	1	...	...	...	...
East	4	12	1	1	18	...	3	...	1	4	1	4	1	...	6	...	1	1	...	2	...	...	1	...	1	...	...	...	...
South-East	2	3	2	1	8	1	4	1	...	6	2	3	4	...	9	...	...	1	...	1	...	...	1	...	1	...	...	...	...
South	...	...	1	1	2	1	...	...	...	1	1	1	..	...	2	...	...	...	...	...	...	...	...	1	1	...	...	...	...
South-West	2	6	3	3	14	2	2	7	1	12	2	1	2	...	5	...	1	1	1	3	3	1	5	5	14	9	15	18	7	49
West	13	2	9	10	34	11	8	11	13	43	12	7	10	14	43	15	7	8	14	44	16	11	9	14	50	18	11	10	18	57
North-West	7	3	6	11	27	8	7	8	12	35	11	11	10	15	47	12	15	18	14	59	12	19	14	11	56	3	4	2	3	12
Calm	1	1	...	...	2	1	...	...	...	1	2	...	...	...	2	2	...	...	...	2	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

	JULY.					AUGUST.					SEPTEMBER.					OCTOBER.					NOVEMBER.					DECEMBER.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	...	...	...	...	...	...	...	...	...	...	...	1	...	1	2														
North-East	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1														
East	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1														
South-East	...	...	...	...	...	...	...	...	...	...	1	...	1	...	2														
South	...	...	...	...	...	...	...	...	...	...	1	...	1	...	2														
South-West	4	4	5	5	18	7	5	8	8	28	2	2	5	2	11														
West	22	14	13	12	51	14	21	21	17	73	15	12	12	16	55														
North-West	...	1	1	...	2	3	3	1	2	9	7	12	10	7	36														
Calm	...	...	..	...	...	...	...	...	...	...	2	1	...	...	3														
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...														

Anemograph traces indistinct.

93.—SHOLAPUR (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	1	...	1	3	1	4	4	1	5	4	5	9	6	3	9	...	1	1	...	...	...	...	...	...	1	5	6	3	3	6	1	3	4	...	1	1
North-East	1	8	9	4	3	7	4	6	10	8	9	17	4	3	7	...	...	...	...	...	...	...	...	...	1	1	2	2	2	4	6	7	13	6	9	15
East	6	5	11	...	...	...	2	...	2	3	2	5	1	...	1	...	...	...	..	..	...	...	...	...	...	3	3	11	12	23	16	14	30	17	17	34
South-East	12	6	18	6	10	16	7	7	14	1	5	6	...	2	2	...	...	...	...	...	...	...	...	...	...	...	...	10	5	15	5	4	9	7	4	11
South	8	1	9	7	2	9	3	4	7	...	1	1	...	3	3	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	1	1	2	1	...	1
South-West	...	5	5	3	4	7	3	3	6	...	...	...	2	3	5	13	17	30	15	8	23	11	5	16	1	2	3	...	1	1	1	1	2	...	...	...
West	2	1	3	1	7	8	2	2	4	...	2	2	6	4	10	13	12	25	16	19	35	17	20	37	12	8	20	1	3	4	...	...	...	...	...	...
North-West	1	5	6	5	2	7	6	8	14	14	6	20	12	13	25	4	...	4	...	4	4	3	6	9	15	11	26	4	4	8	...	1	1	...	...	...
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

94.—RATNAGIRI (*4 observations daily*).

	JANUARY.					FEBRUARY.					MARCH.					APRIL.					MAY.					JUNE.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	5	3	2	15	25	10	4	2	12	28	6	3	...	4	13	11	1	1	7	20	11	5	...	5	21	1	1	...	...	2
North-East	12	3	...	6	21	9	...	...	...	9	9	...	...	...	9	4	...	...	1	5	1	...	...	...	1	...	...	...	...	...
East	9	6	...	3	18	3	...	...	...	3	2	...	...	...	2	...	...	...	...	...	1	...	...	...	1	1	...	1	1	3
South-East	3	5	2	...	10	...	2	...	...	2	2	1	...	1	4	1	...	...	...	1	...	...	...	1	1	9	3	...	8	20
South	...	2	...	...	2	...	...	...	...	...	1	...	...	2	3	1	...	...	1	2	1	...	...	1	2	5	6	8	5	24
South-West	...	...	2	1	3	...	2	...	...	2	1	11	7	1	20	1	6	2	2	11	3	4	3	5	15	5	12	13	7	37
West	...	1	7	...	8	...	2	6	1	9	...	5	10	2	17	...	9	7	1	17	3	8	11	1	23	6	4	5	6	21
North-West	..	9	16	4	29	3	17	20	14	54	5	11	14	18	48	7	14	20	18	59	8	14	17	18	57	4	3	4	3	14
Calm	...	...	...	...	...	2	...	...	...	2	5	...	...	3	8	5	...	...	...	5	3	...	...	...	3	2	...	...	...	2
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

	JULY.					AUGUST.					SEPTEMBER.					OCTOBER.					NOVEMBER.					DECEMBER.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	...	...	1	...	1	..	...	...	...	...	5	1	1	6	13	2	1	...	7	10	3	...	2	7	12	1	...	...	19	20
North-East	...	...	...	...	...	...	...	...	...	...	1	1	...	...	2	5	...	1	2	8	4	2	1	7	14	8	2	2	6	18
East	...	...	...	1	1	...	...	...	...	...	...	2	..	...	2	7	4	...	...	11	11	12	...	4	27	17	14	1	1	33
South-East	1	...	...	...	1	...	...	...	...	...	...	1	...	...	1	5	11	...	...	16	7	8	...	2	17	3	14	1	...	18
South	1	1	...	...	2	...	...	1	...	1	...	...	1	...	1	...	1	1	...	2	...	3	2	...	5	...	...	...	...	...
South-West	12	15	15	18	60	9	7	8	12	36	...	1	...	...	1	...	4	5	1	10	...	2	5	...	7	...	...	...	...	...
West	11	12	12	9	44	10	9	10	7	36	1	6	5	2	14	1	1	9	1	12	...	...	10	1	11	...	...	12	...	12
North-West	1	3	2	...	6	1	3	1	...	5	8	8	8	7	31	1	3	8	7	19	2	2	8	6	18	...	...	14	3	17
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	3	4	...	...	...	1	1	4	...	...	1	2
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

95.—BELGAUM (*4 observations daily*).

	JANUARY.					FEBRUARY.					MARCH.					APRIL.					MAY.					JUNE.				
	4½ hours.	10½ hours.	16½ hours.	22½ hours.	Total.	4½ hours.	10½ hours.	16½ hours.	22½ hours.	Total.	4½ hours.	10½ hours.	16½ hours.	22½ hours.	Total.	4½ hours.	10½ hours.	16½ hours.	22½ hours.	Total.	4½ hours.	10½ hours.	16½ hours.	22½ hours.	Total.	4½ hours.	10½ hours.	16½ hours.	22½ hours.	Total.
North	3	3	..	..	7	7	4	...	...	11	5	7	2	...	14	4	12	1	1	18	...	6	1	1	8	...	...	...	...	...
North-East	8	2	3	4	17	4	4	1	1	10	1	5	2	...	8	1	5	2	...	8	1	...	1	...	2	...	...	...	...	...
East	7	10	5	3	25	6	3	2	1	12	3	2	4	...	9	...	1	3	...	4	2	...	...	...	2	...	...	...	...	...
South-East	2	12	5	...	19	2	9	4	1	16	1	5	2	...	8	1	3	...	...	4	1	...	...	1	2	...	...	...	...	...
South	1	1	6	...	8	...	4	5	...	9	1	2	1	...	4	1	1	1	1	4	1	...	1	3	5	6	8	8	7	29
South-West	2	...	4	8	14	2	...	8	7	17	1	2	8	6	17	7	1	8	8	24	9	6	13	7	35	18	15	22	20	74
West	5	1	5	15	26	4	3	7	17	31	10	4	11	23	48	11	1	15	19	46	13	10	13	15	51	6	3	1	3	13
North-West	1	2	2	1	6	2	...	...	2	4	8	4	1	2	15	5	6	...	1	12	3	7	1	3	14	...	...	...	...	...
Calm	2	...	...	...	2	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

95.—Belgaum (*4 observations daily*)—continued.

	July.					August.					September.					October.					November.					December.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4½ hours.	10½ hours.	16½ hours.	22½ hours.	Total.
North	...	...	...	...	...	...	...	...	...	...	2	5	1	...	8	5	4	1	...	10	1	1	3	...	5	2	...	1	2	5
North-East	...	...	...	...	...	...	...	...	...	...	2	1	...	..	3	5	4	9	4	22	8	6	10	7	31	11	3	13	9	36
East	...	...	...	...	...	...	...	...	...	..	...	...	...	1	1	4	10	8	2	24	10	13	8	9	40	15	19	15	18	67
South-East	...	...	...	...	...	...	...	...	...	...	...	2	...	...	2	2	7	3	2	14	3	8	3	2	16	1	9	1	...	11
South	...	1	...	2	3	1	4	4	1	10	...	1	1	...	2	1	...	1	1	3	1	2	1	1	5	...	...	1	...	1
South-West	20	23	23	22	88	23	19	17	23	82	11	7	21	15	54	5	1	3	8	17	2	...	4	4	10	...	...	...	1	1
West	11	7	8	7	33	6	7	9	6	28	11	9	6	11	37	5	1	2	7	15	3	...	1	5	9	1	...	...	1	2
North-West	...	...	...	...	...	...	...	...	...	...	3	5	1	3	12	1	1	...	4	6	2	...	...	2	4	1	...	...	...	1
Calm	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

96.—Karwar (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	1	...	1	...	...	...	...	...	...	...	...	...	2	5	7	3	4	7	9	6	15	5	4	9	1	...	1	...	...	...	1	1	2	...	...	...
North-East	27	...	27	20	...	20	4	...	4	13	4	17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	2	3	14	5	19	30	2	32
East	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South-East	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	1	1	2	...	...	...
South	...	...	...	...	...	...	...	...	...	2	8	10	...	...	...	4	3	7	...	...	...	...	...	...	...	...	...	...	...	...	2	1	3	...	...	...
South-West	1	3	4	...	...	...	7	5	12	3	2	5	4	4	8	22	20	42	20	21	41	19	19	38	1	2	3	...	...	...	4	5	9	...	...	...
West	2	15	17	4	6	10	17	6	23	6	5	11	8	4	12	1	2	3	2	1	3	5	6	11	16	11	27	16	6	22	4	2	6	1	3	4
North-West	..	13	13	5	23	28	3	20	23	6	11	17	17	18	35	...	1	1	...	2	2	2	2	4	11	17	28	14	23	37	4	15	19	...	26	26
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

97.—Gopalpur (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	20	...	20	1	...	1	...	...	...	...	...	...	...	...	...	1	1	1	...	1	...	1	1	2	1	3	11	4	15	13	4	17	16	...	16
North-East	5	2	7	2	...	2	...	...	...	...	...	...	...	...	...	...	...	...	1	1	2	...	...	...	2	2	3	2	5	2	7	9	...	6	6
East	1	10	11	1	3	4	1	...	1	...	...	...	...	...	...	1	1	2	1	1	2	...	2	2	...	2	2	3	9	12	4	8	12	...	15	15
South-East	...	14	14	3	14	17	1	3	4	...	...	...	2	1	3	4	4	8	...	2	2	...	1	1	2	6	8	1	12	13	1	5	6	...	9	9
South	3	5	8	5	12	17	22	22	34	17	16	33	24	22	46	18	13	31	13	18	31	14	13	27	9	15	24	2	2	4	...	3	3	...	1	1
South-West	2	...	2	1	...	1	10	5	15	12	14	26	5	8	13	5	8	13	12	7	19	12	13	25	4	...	4	...	...	...	...	1	1	...	...	...
West	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	2	4	3	...	3	3	1	4	...	2	2	...	1	1	...	1	1	...	...	...
North-West	8	...	8	2	...	2	...	1	1	...	...	...	...	...	...	1	1	2	...	1	1	1	...	1	8	1	9	8	1	9	9	...	9	13	...	13
Calm	2	...	2	14	...	14	7	...	7	1	...	1	...	...	...	1	...	1	...	1	1	1	...	1	5	1	6	3	...	3	1	1	2	2	...	2
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

98.—VIZAGAPATAM (*4 observations daily*).

	JANUARY.					FEBRUARY.					MARCH.					APRIL.					MAY.					JUNE.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	7	2	3	4	16	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	1	...	1
North-East	4	10	4	6	24	...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
East	3	...	6	4	13	...	1	1	1	3	...	...	1	...	1	...	...	...	...	..	...	...	...	...	...	...	...	...	...
South-East	7	...	11	9	27	5	2	7	3	17	1	...	1	2	4	...	...	...	...	...	1	3	3	3	10	1	1	4	3	9
South	2	2	6	1	11	2	3	12	4	21	3	4	14	3	24	1	7	13	2	23	2	7	13	2	24	4	7	12	3	26
South-West	5	4	1	5	15	10	7	6	13	36	13	13	11	20	57	15	17	13	21	66	15	14	8	17	54	5	4	6	11	26
West	1	7	...	1	9	12	15	3	7	37	14	14	4	5	37	14	6	4	7	31	13	7	7	9	36	17	17	5	12	51
North-West	2	6	...	1	9	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	1	2	1	7
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

	JULY.					AUGUST.					SEPTEMBER.					OCTOBER.					NOVEMBER.					DECEMBER.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	...	1	...	...	1	1	...	...	...	1	2	1	...	1	4	...	1	1	...	2	9	12	10	9	40	7	13	8	6	34
North-East	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	7	9	9	11	36	8	4	10	9	31	17	10	10	48	55
East	...	...	1	...	1	...	...	...	...	...	...	1	1	1	3	4	2	6	4	16	7	3	3	7	20	3	1	6	2	12
South-East	2	...	2	1	5	...	...	...	1	1	4	4	3	7	18	3	3	6	3	15	2	1	3	3	9	3	...	6	5	14
South	5	3	7	4	19	2	2	10	3	17	7	5	17	5	34	3	5	8	...	16	..	...	2	...	2	1	...	1	...	2
South-West	13	9	11	16	49	11	13	10	14	48	5	4	5	6	20	5	3	1	9	18	...	2	...	...	2	...	1	...	...	1
West	10	18	9	8	45	17	16	9	11	53	12	13	3	10	38	6	6	...	2	14	...	2	...	...	2	...	4	...	..	4
North-West	1	...	1	2	4	...	...	2	1	3	...	2	1	...	3	3	2	...	2	7	4	6	2	2	14	...	2	...	...	2
Calm	...	...	...	..	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

99.—MASULIPATAM (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	...	...	...	...	...	...	...	...	...	1	...	1	1	1	2	2	2	4	1	3	4	2	1	3	3	8	11	4	3	7	7	2	9	9	1	10
North-East	5	...	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	2	5	9	2	11	12	1	13
East	9	1	10	2	...	2	...	...	...	...	...	...	2	2	4	1	...	1	...	...	...	...	1	1	...	1	1	8	4	12	6	8	14	8	5	13
South-East	8	19	27	4	9	13	10	7	17	2	6	8	7	7	14	1	1	2	...	...	...	...	1	1	...	6	6	6	18	24	4	17	21	...	24	24
South	3	10	13	12	20	32	13	24	37	17	24	41	11	16	27	...	6	6	...	1	1	...	3	3	2	10	12	1	3	4	1	1	2	...	...	...
South-West	...	...	...	...	...	...	3	...	3	3	...	3	1	1	2	1	3	4	...	4	4	...	2	2	1	1	2	...	...	...	...	...	...	...	...	...
West	1	...	1	5	...	5	1	...	1	5	...	5	3	...	3	12	10	22	15	6	21	13	9	22	6	3	9	1	1	2	...	...	..	..	...	...
North-West	1	1	2	...	...	...	...	...	...	1	...	1	6	4	10	11	7	18	15	16	31	15	10	25	13	1	14	3	...	3	1	...	1	...	...	...
Calm	4	...	4	6	...	6	4	...	4	1	...	1	2	...	2	2	1	3	...	1	1	1	4	5	5	...	5	5	...	5	2	...	2	...	2	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

100.—SECUNDERABAD (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Tot[illegible]	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	1	2	3	2	1	3	3	2	5	5	5	10	4	2	6	...	2	2	...	...	...	..	1	1	6	12	18	4	5	9	3	1	4	...	3	3
North-East	3	6	9	...	1	1	1	5	6	1	2	3	1	...	1	...	1	1	...	...	...	...	...	...	3	5	8	3	11	14	7	9	16	11	9	20
East	6	11	17	8	10	15	3	7	10	2	4	6	2	5	7	...	...	...	...	...	...	...	...	...	...	...	...	16	9	25	10	12	22	15	13	28
South-East	17	10	27	10	5	15	9	12	21	2	7	9	6	6	12	...	...	...	...	...	...	...	...	...	2	1	3	4	3	7	9	8	17	5	6	11
South	3	1	4	5	3	8	3	2	5	2	2	4	1	1	2	...	...	..	...	...	...	...	...	...	1	...	1	1	...	1	...	..	...	...	...	...
South-West	...	...	...	3	4	7	6	1	7	7	2	9	4	3	7	10	14	24	8	8	16	8	8	16	1	...	1	...	..	...	..	..	...	...	...	...
West	...	2	2	1	2	3	4	...	4	4	4	8	6	6	12	15	9	24	22	17	39	20	18	38	4	3	7	...	...	...	1	...	1	..	...	...
North-West	1	...	1	3	2	5	2	1	3	7	4	11	7	8	15	5	4	9	1	6	7	3	4	7	13	9	22	3	3	6	..	...	...	...	...	...
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	..	..	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	1	1	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

101.—BELLARY (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	2	...	2	...	1	1	1	3	4	6	2	8	5	1	6	...	...	...	...	...	...	...	...	...	1	2	3	...	3	3	1	4	5	2	...	2
North-East	1	1	2	...	...	...	...	2	2	...	1	1	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	5	6	4	3	7	3	12	15
East	3	12	15	...	10	10	...	9	9	1	5	6	1	4	5	...	...	...	...	...	...	...	...	...	...	...	...	12	12	24	10	11	21	15	15	30
South-East	13	10	23	5	5	10	3	5	8	3	1	4	...	2	2	...	...	...	...	...	...	...	...	...	...	...	...	8	2	10	8	6	14	8	2	10
South	9	3	12	12	3	15	10	1	11	2	5	7	1	2	3	...	1	1	...	...	...	...	...	...	...	1	1	2	1	3	...	1	1	2	...	2
South-West	...	1	1	...	2	2	...	2	2	1	3	4	4	3	7	14	13	27	5	4	9	10	6	16	1	6	7	...	2	2	...	...	....	..	..	..
West	...	1	1	...	2	2	1	2	3	2	...	2	6	9	15	11	14	25	24	27	51	19	21	40	10	13	23	2	3	5	...	..	...	...	...	...
North-West	2	2	4	8	2	10	11	2	13	8	5	13	11	8	19	3	2	5	2	...	2	2	4	6	12	6	18	4	...	4	...	...	...	...	...	...
Calm	1	1	2	4	4	8	5	5	10	7	8	15	2	2	4	2	...	2	...	...	...	..	..	...	6	2	8	2	5	7	5	7	12	1	2	3
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

102.—MANGALORE (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	3	...	3	4	1	5	2	...	2	1	...	1	4	1	5	2	...	2	1	3	4	1	3	4	9	2	11	5	1	6	6	1	7	2	1	3
North-East	6	...	6	3	...	3	2	...	2	1	...	1	2	...	2	2	...	2	...	...	...	1	...	1	2	...	2	3	...	3	6	...	6	8	...	8
East	15	...	15	6	...	6	...	...	...	1	...	1	2	...	2	5	...	5	1	...	1	2	...	2	2	...	2	12	...	12	10	...	10	19	1	20
South-East	2	...	2	1	...	1	1	...	1	2	2	4	1	2	3	5	...	5	1	1	2	2	...	2	1	...	1	3	...	3	1	1	2	1	...	1
South	...	1	1	3	...	3	2	...	2	3	2	5	3	3	6	3	3	6	4	1	5	3	3	6	4	2	6	4	...	4	5	5	10	...	...	...
South-West	...	4	4	...	1	1	3	1	4	2	4	6	2	4	6	6	11	17	4	7	11	6	4	10	4	4	8	1	7	8	1	4	5	...	2	2
West	...	13	13	4	14	18	9	18	27	11	12	23	7	9	16	3	8	11	16	14	30	10	11	21	2	13	15	1	18	19	1	9	10	...	13	13
North-West	3	13	16	8	13	21	12	12	24	7	10	17	7	12	19	2	4	6	3	5	8	6	9	15	6	9	15	1	4	5	...	10	10	...	14	14
Calm	2	...	2	...	...	...	...	...	...	2	...	2	1	...	1	2	4	6	1	...	1	...	1	1	...	...	...	...	...	...	...	...	...	...	1	1
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...

103.—MERCARA (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	2	1	3	...	3	3	1	3	4	2	3	5	2	2	4	...	...	...	..	...	...	...	...	...	2	1	3	...	...	...	1	2	3	...	2	2
North-East	5	6	11	2	1	3	3	3	6	1	...	1	2	...	2	...	...	...	...	...	...	...	...	...	1	...	1	3	8	11	3	7	10	4	9	13
East	13	8	21	17	10	27	8	4	12	6	2	8	2	...	2	..	..	...	...	...	...	..	...	...	2	1	3	20	14	34	18	11	29	27	16	43
South-East	1	...	1	2	...	2	5	1	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...
South	...	...	...	6	...	6	2	...	2	6	1	7	5	2	7	..	...	...	...	..	...	...	...	...	...	...	...	...	...	...	6	4	10	...	...	...
South-West	1	2	3	1	...	1	5	1	6	6	...	6	1	...	1	3	1	4	...	1	1	...	1	1	1	...	1	...	...	...	1	...	1	3	4	...	...	...
West	8	7	15	1	7	8	3	10	13	4	12	16	12	16	28	26	28	54	30	29	59	29	26	55	15	20	35	5	6	11	1	1	2	...	2	2
North-West	1	7	8	...	8	8	4	9	13	5	12	17	7	11	18	1	1	2	1	1	2	2	4	6	10	8	18	2	3	5	...	2	2	...	2	2
Calm	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

104.—BANGALORE (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	1	...	1	...	...	...	..	...	...	...	1	1	...	..	...	...	...	...	...	...	...	...	...	...	...	1	1	..	...	...	...	...	...	1	1	2
North-East	2	2	4	1	1	2	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	8	10	18	11	7	18	19	18	37
East	21	21	42	12	11	23	4	5	9	2	1	3	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	13	11	24	10	15	25	9	11	20
South-East	2	3	5	7	8	15	11	8	19	3	6	9	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	1	2	2	1	3	1	1	2
South	2	...	2	4	4	8	5	4	9	9	7	16	2	2	4	1	...	1	...	1	1	1	...	1	2	1	3	...	...	...	2	2	4	...	...	...
South-West	...	2	2	4	4	8	4	7	11	9	9	18	7	11	18	15	17	32	14	10	24	8	9	17	2	2	4	...	...	...	1	1	2	...	...	...
West	2	...	2	1	...	1	6	6	12	5	5	10	16	15	31	14	13	27	17	20	37	22	22	44	24	25	49	8	7	15	2	2	4	...	...	...
North-West	1	3	4	..	1	1	1	1	2	2	1	3	4	2	6	...	...	...	...	...	...	...	...	...	2	1	3	1	2	3	2	2	4	1	...	1
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

105.—MADRAS (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	12 hours.	24 hours.	Total.	12 hours.	24 hours.	Total.	12 hours.	24 hours.	Total.	12 hours.	24 hours.	Total.	12 hours.	24 hours.	Total.	12 hours.	24 hours.	Total.	10 hours.	16 hours.	Total.	12 hours.	24 hours.	Total.	12 hours.	24 hours.	Total.	12 hours.	24 hours.	Total.	12 hours.	24 hours.	Total.	12 hours.	24 hours.	Total.
North	3	3	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	4	5	9	8	7	15	12	16	28
North-East	19	18	37	3	2	5	...	..	...	...	...	...	1	1	2	...	...	...	...	...	...	...	...	...	...	2	2	12	11	23	8	10	18	14	12	26
East	5	6	12	10	11	21	3	4	7	1	2	3	2	1	3	...	...	...	...	...	...	...	...	...	...	2	2	4	6	10	5	5	10	4	2	6
South-East	2	2	4	9	12	21	14	22	36	9	20	29	7	17	24	...	7	7	...	6	6	...	...	...	1	13	14	2	4	6	4	6	10	...	1	1
South	2	2	4	7	4	11	13	5	18	19	8	27	13	11	24	1	8	9	3	9	12	3	13	16	8	8	16	1	2	3	3	1	4	...	...	...
South-West	...	...	...	...	...	...	1	...	1	1	...	1	7	1	8	17	9	26	19	11	30	20	16	36	12	3	15	3	1	4	1	1	2	...	...	...
West	...	...	...	...	...	...	...	...	...	...	...	...	2	...	2	11	5	16	7	4	11	8	2	10	9	2	11	3	1	4	1	...	1	...	...	...
North-West	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	2	1	1	2	...	...	...	...	...	...	2	1	3	...	...	...	1	...	1
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

106.—SALEM (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	21 hours.	Total.	10 hours.	21 hours.	Total.	10 hours.	21 hours.	Total.	10 hours.	21 hours.	Total.	10 hours.	21 hours.	Total.	10 hours.	15 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	15 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	1	...	1	...	...	...	...	1	1	...	...	...	1	1	2	1	...	1	1	1	2
North-East	7	...	7	5	...	5	8	6	14	2	4	6	1	6	7	...	...	...	...	...	...	...	...	..	1	...	1	1	6	7	1	2	3	6	11	17
East	13	8	21	9	4	13	5	14	19	4	10	14	..	4	4	...	...	...	...	1	1	...	...	...	...	1	1	11	6	17	8	5	13	15	8	23
South-East	5	13	18	7	11	18	2	7	9	...	4	4	...	4	4	...	...	...	...	1	1	...	1	1	...	4	4	3	6	9	8	8	16	6	9	15
South	2	6	8	1	10	11	2	2	4	3	3	6	5	4	9	2	5	7	5	3	8	4	3	7	3	1	4	2	1	3	6	9	15	...	1	1
South-West	3	4	7	6	3	9	10	1	11	12	6	18	13	8	21	17	14	31	21	13	34	18	14	32	9	7	16	6	3	9	2	5	7	1	...	1
West	1	...	1	1	1	2	3	...	3	6	1	7	8	3	11	8	7	15	5	11	16	7	8	15	13	11	24	3	4	7	4	...	4	2	...	2
North-West	...	...	...	...	...	...	1	1	2	3	2	5	3	2	5	2	4	6	...	2	2	2	4	6	4	6	10	4	4	8	...	1	1	...	1	1
Calm	...	...	...	...	...	...	..	...	...	...	...	...	...	...	..	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

107.—WELLINGTON (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	21 hours.	Total.	10 hours.	21 hours.	Total.	10 hours.	21 hours.	Total.	10 hours.	21 hours.	Total.	10 hours.	21 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	...	...	...	...	...	...	...	...	...	3	3	6	3	8	11	2	2	4	...	...	...	...	1	1	2	3	5	3	2	5	1	1	2	3	2	5
North-East	2	...	2	4	...	4	3	4	7	5	2	7	8	7	15	...	...	...	1	...	1	...	1	1	2	3	6	5	11	2	1	3	2	3	5
East	1	2	3	6	15	21	12	14	26	9	6	15	6	2	8	...	...	...	...	...	...	...	...	...	1	...	1	3	5	8	2	3	5	4	4	8
South-East	10	17	27	13	10	23	10	10	20	9	14	23	6	6	12	1	2	3	...	1	1	1	...	1	5	3	8	10	8	18	7	8	15	12	11	23
South	16	11	27	7	3	10	5	3	8	4	5	9	5	4	9	2	3	5	...	1	1	8	5	13	10	9	19	8	10	18	12	15	27	8	9	17
South-West	2	1	3	2	...	2	1	...	1	...	...	...	2	2	4	5	4	9	7	8	15	9	7	16	7	7	14	...	...	...	3	1	4	1	1	2
West	...	...	...	...	1	1	...	...	...	...	...	...	...	1	1	16	14	30	20	18	38	12	12	24	2	3	5	...	1	1	...	...	...	...	...	...
North-West	...	...	...	...	...	...	...	...	...	...	...	...	1	1	2	4	5	9	3	3	6	1	5	6	2	3	5	...	...	...	...	...	...	...	...	...
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	3	1	4	1	1	2
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

108.—CALICUT (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	2	...	2	3	...	3	4	...	4	...	...	...	1	...	1	1	2	3	3	2	5	4	1	5	3	1	4	1	3	4	2	...	2	3	...	3
North-East	4	...	4	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	4	1	5	...	...	...	2	...	2	2	1	3	7	...	7
East	14	...	14	3	...	3	...	...	...	1	1	2	1	...	1	2	...	2	1	...	1	...	...	...	1	...	1	1	...	1	4	1	5	11	1	12
South-East	3	...	3	1	...	1	...	...	...	...	...	...	2	2	4	...	1	1	2	...	2	...	...	...	...	...	...	1	...	1	3	1	4	2	1	3
South	2	...	2	5	...	5	...	...	...	2	2	4	3	1	4	3	2	5	...	...	...	1	1	2	6	...	6	7	2	9	2	1	3	2	1	3
South-West	2	1	3	1	1	2	5	...	5	1	1	2	1	4	5	1	6	7	4	2	6	2	4	6	5	6	11	5	5	10	2	6	8	2	1	3
West	...	18	18	4	13	17	6	12	18	5	15	20	4	10	14	4	10	14	5	8	13	5	7	12	7	10	17	5	15	20	1	11	12	1	20	21
North-West	2	12	14	11	15	26	16	19	35	13	11	24	13	11	24	3	6	9	6	13	19	8	15	23	10	12	22	7	8	15	3	8	11	2	7	9
Calm	2	...	2	...	...	...	...	...	...	8	...	8	6	3	9	16	2	18	9	6	15	8	3	11	3	...	3	3	...	3	6	...	6	1	...	1
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...

109.—COIMBATORE (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	4	4	8	6	2	8	6	..	6	1	...	1	1	...	1	...	...	...	..	...	...	...	...	...	...	...	...	1	...	1	2	1	3	5	1	6
North-East	13	13	26	7	5	12	12	9	21	2	...	2	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	10	7	17	11	9	20	13	10	23
East	9	12	21	7	9	16	5	9	14	3	9	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	9	17	6	6	12	10	14	24
South-East	3	2	5	2	4	6	2	5	7	4	2	6	7	...	7	...	...	...	...	...	...	...	...	...	3	1	4	3	7	10	1	2	3	4	4	5
South	1	...	1	3	8	11	3	6	9	10	8	18	7	5	12	5	3	8	6	4	10	9	7	16	12	7	19	5	3	8	6	3	9	2	2	3
South-West	...	...	...	2	1	3	1	2	3	8	9	17	15	17	32	13	14	27	16	19	35	16	19	35	13	14	27	4	4	8	3	6	9	1	...	1
West	...	...	...	...	...	...	...	...	...	2	2	4	1	7	8	10	12	22	9	8	17	6	5	11	2	7	9	...	1	1	1	1	2	...	...	...
North-West	1	...	1	2	...	2	2	...	2	...	...	...	...	1	1	2	1	3	...	...	...	...	...	...	...	1	1	...	...	...	...	2	2	..	...	...
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

110.—TRICHINOPOLY (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	21 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	6	...	6	1	...	1	...	...	...	...	4	4	1	1	2	...	1	1	...	...	...	...	1	1	...	4	4	1	2	3	3	1	4	7	6	13
North-East	21	16	37	12	13	25	5	9	14	2	3	5	...	1	1	...	...	...	...	...	...	...	...	...	...	7	7	11	9	20	9	11	20	15	15	30
East	3	12	15	6	15	21	10	14	24	...	7	7	...	3	3	...	...	...	...	...	...	...	...	...	...	2	2	7	8	15	9	11	20	3	7	10
South-East	...	1	1	4	...	4	6	4	10	2	7	9	...	4	4	...	...	...	...	...	...	...	...	...	...	...	...	1	4	5	1	2	3	...	...	...
South	...	2	2	3	1	4	2	4	6	1	3	4	2	4	6	...	...	...	...	...	...	...	4	4	...	2	2	...	1	1	...	...	...	...	...	...
South-West	...	...	...	2	...	2	5	...	5	9	2	11	4	4	8	7	2	9	3	2	5	2	3	5	1	2	3	1	1	2	...	1	1	...	...	...
West	1	...	1	...	...	...	2	...	2	11	1	12	15	10	25	18	17	35	20	20	40	18	13	31	15	4	19	6	3	9	4	1	5	2	...	2
North-West	...	...	...	1	...	1	1	...	1	5	3	8	9	3	12	5	10	15	8	9	17	11	10	21	14	9	23	4	3	7	4	2	6	4	3	7
Calm	...	...	...	...	...	...	..	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...
Variable	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

111.—NEGAPATAM (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	5	...	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	..	1	2	3	8	5	13
North-East	19	19	38	15	9	24	1	2	3	1	...	1	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	13	18	31	7	14	21	9	20	29
East	4	8	12	4	10	14	9	10	19	...	1	1	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	1	2	3	1	...	1
South-East	1	3	4	9	8	17	17	17	34	14	26	40	5	12	17	...	1	1	...	2	2	...	...	...	...	1	1	1	1	2	2	4	6	2	2	4
South	2	1	2	1	2	3	3	2	5	4	1	5	1	3	4	...	13	13	...	8	8	...	7	7	...	16	16	2	5	7	...	...	...	...	...	...
South-West	...	...	...	...	...	...	1	...	1	11	2	13	21	13	34	19	16	35	21	15	36	15	17	32	21	11	32	6	3	9	4	3	7	...	...	...
West	...	...	...	...	...	...	...	...	...	...	...	...	2	...	2	11	...	11	8	6	14	15	5	20	7	2	9	2	...	2	...	...	...	...	...	...
North-West	1	...	1	...	...	...	...	...	...	...	...	...	2	1	3	...	...	...	2	...	2	1	2	3	2	...	2	5	2	7	11	4	15	10	3	13
Calm	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	2	4	1	5	1	1	2
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

112.—MADURA (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	9	9	18	6	5	11	...	...	...	4	2	6	4	2	6	2	1	3	2	2	4	1	1	2	3	3	6	8	7	15	12	9	21	15	13	28
North-East	12	9	21	11	8	19	3	...	3	2	2	4	2	4	6	...	1	1	...	...	...	1	...	1	1	2	3	5	5	10	5	3	8	7	7	14
East	2	4	6	7	7	14	5	9	14	1	2	3	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	2	2	...	2	2	...	1	1
South-East	2	4	6	5	6	11	16	21	37	2	11	13	2	6	8	...	...	...	...	...	...	...	4	4	1	7	8	2	2	4	2	5	7	1	1	2
South	...	...	...	...	...	...	1	1	2	2	5	7	3	4	7	1	...	1	...	...	...	1	4	5	...	4	4	...	1	1	1	1	2	...	...	...
South-West	...	1	1	...	...	...	...	...	...	4	1	5	2	4	6	5	8	13	5	13	18	7	11	18	2	2	4	1	1	2	...	...	...	...	...	...
West	...	...	...	...	...	...	...	...	...	...	...	...	...	2	2	7	12	19	10	11	21	2	5	7	2	2	4	2	...	2	...	...	...	...	...	...
North-West	3	3	6	...	...	...	...	...	...	6	...	6	8	6	14	9	3	12	9	3	12	11	2	13	18	6	24	11	6	17	7	6	13	8	9	17
Calm	3	1	4	...	3	3	6	...	6	9	7	16	10	3	13	6	5	11	5	2	7	8	4	12	2	4	6	2	7	9	3	4	7	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

113.—COCHIN (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	22 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	3	2	5	3	2	5	4	3	7	2	...	2	3	1	4	3	1	4	2	1	3	2	...	2	4	...	4	2	...	2	3	...	3	3	1	4
North-East	6	1	7	5	1	6	3	...	3	...	...	...	1	...	1	4	...	4	1	...	1	2	1	3	1	...	1	2	...	2	2	...	2	12	1	13
East	7	...	7	3	...	3	...	...	...	2	...	2	2	...	2	5	...	5	2	...	2	4	...	4	...	...	...	2	...	2	7	...	7	8	...	8
South-East	7	...	7	4	...	4	...	...	...	3	...	3	3	2	5	5	...	5	2	1	3	1	...	1	1	...	1	4	2	6	3	2	5	5	1	6
South	...	2	2	...	1	1	...	1	1	1	...	1	...	1	1	...	1	1	...	...	...	1	...	1	1	...	1	1	1	2	1	...	1	...	1	1
South-West	1	8	9	1	6	7	2	3	5	2	8	10	4	9	13	4	14	18	6	3	9	7	8	15	3	10	13	1	8	9	4	13	17	...	14	14
West	...	9	9	...	10	10	4	10	14	3	13	16	3	8	11	1	5	6	5	9	14	5	9	14	2	3	5	4	10	14	2	8	10	...	7	7
North-West	7	9	16	13	9	22	18	14	32	17	9	26	15	10	25	8	9	17	13	17	30	9	13	22	18	17	35	15	10	25	8	7	15	3	6	9
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

114.—BHAMO (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	Not recorded.									4	5	9	3	2	5	5	...	5	3	2	5	2	2	4	6	2	8	4	...	4	1	1	2	2	4	6
North-East										12	5	17	6	11	17	8	5	13	10	5	15	1	1	2	8	11	19	9	11	20	9	11	20	1	2	3
East										...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South-East										...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	4	1	5	6	...	6
South										...	...	...	...	...	...	...	...	...	...	...	...	3	2	5	...	1	1	2	...	2	...	...	...	...	...	...
South-West										5	3	8	16	7	23	9	15	24	15	22	37	15	14	29	10	6	16	13	10	23	8	2	10	...	...	...
West										...	...	...	...	...	...	...	...	...	...	...	...	...	1	2	...	2	2	1	...	1	...	...	...	1	...	1
North-West										4	2	6	2	1	3	...	1	1	2	2	4	3	4	7	...	3	3	1	3	4	...	4	4	12	17	29
Calm										2	11	13	4	10	14	8	9	17	1	...	1	7	7	14	5	5	10	1	7	8	8	11	19	9	6	15
Variable										...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

115.—KENDAT (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	11	18	29	7	10	17	7	7	14	7	5	12	5	3	8	2	...	2	3	3	6	5	3	8	10	6	16	15	13	28	11	14	25	15	18	33
North-East	7	7	14	4	3	7	8	10	18	13	8	21	8	9	17	...	3	3	3	3	6	1	3	4	3	5	8	5	2	7	10	8	18	4	8	12
East	...	1	1	1	1	2	...	...	...	1	...	1	...	...	...	1	...	1	...	1	1	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...
South-East	...	1	1	1	4	5	1	3	4	...	1	1	6	3	9	6	10	16	6	7	13	9	7	16	1	4	5	...	1	1	...	...	...	...	...	...
South	1	...	1	5	4	9	2	...	2	...	1	1	2	...	2	2	1	3	2	3	5	4	4	8	3	2	5	1	...	1	...	...	...	...	...	...
South-West	1	1	2	6	3	9	2	4	6	2	5	7	6	4	10	8	3	11	12	8	20	3	6	9	2	1	3	...	...	...	...	...	...	...	...	...
West	1	2	3	3	1	4	1	1	2	1	1	2	1	...	1	...	...	...	...	...	...	...	...	...	2	2	4	1	1	2	...	...	...	...	...	...
North-West	10	1	11	2	3	5	10	6	16	6	9	15	2	7	9	5	3	8	2	2	4	3	1	4	6	4	10	6	4	10	6	...	6	6	1	7
Calm	...	...	...	...	...	...	...	...	...	...	...	...	2	2	4	5	10	15	3	4	7	6	7	13	3	6	9	3	10	13	2	8	10	6	4	10
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

116.—MANDALAY (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	3	2	5	..	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
North-East	...	1	1	...	...	...	...	...	...	...	...	...	...	3	3	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
East	1	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South-East	...	..	...	...	...	...	...	...	...	2	...	2	1	3	4	1	3	5	7	2	9	9	6	15	2	2	4									
South	3	3	6	...	...	...	7	1	8	10	5	15	13	6	19	15	7	22	4	5	9	6	6	12	1	1	2									
South-West	...	...	...	6	6	12	4	2	6	6	3	9	7	2	9	8	9	17	16	16	32	1	1	2	2	...	2									
West	2	2	4	2	...	2	3	4	7	1	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...									
North-West	2	...	2	...	3	3	..	...	...	...	2	2	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...									
Calm	20	22	42	21	20	41	17	24	41	11	19	30	10	15	25	5	10	15	4	8	12	15	18	33	25	27	52									
Variable	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...									

Not received.

117.—AKYAB (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	10	2	12	6	2	8	2	...	2	...	...	...	1	2	3	...	...	...	2	1	3	2	1	3	4	...	4	3	2	5	1	2	3	6	7	13
North-East	18	...	18	9	...	9	10	...	10	4	2	6	5	...	5	5	1	6	...	...	...	1	...	1	6	...	6	15	3	18	21	5	26	30	5	15
East	3	1	4	10	...	10	7	...	7	9	2	11	14	2	13	8	3	11	1	...	1	...	...	...	4	1	5	5	3	8	5	3	8	5	2	7
South-East	...	...	...	1	...	1	10	4	14	3	2	5	4	3	7	5	4	9	2	...	2	3	1	4	5	...	5	...	2	2	...	1	1	10	3	13
South	...	1	1	..	..	...	2	10	12	4	3	7	5	7	12	4	4	8	10	10	20	8	7	15	7	9	16	3	6	9	...	4	4	...	1	1
South-West	...	5	5	...	3	3	...	9	9	7	12	19	2	11	13	5	10	15	10	8	18	12	16	28	3	10	13	1	4	5	...	3	3	...	3	3
West	...	10	10	...	13	13	...	6	6	3	8	11	1	5	6	2	5	7	5	9	14	3	3	6	...	6	6	...	4	4	...	5	5	...	3	3
North-West	...	12	12	2	11	13	...	2	2	...	1	1	2	1	3	1	3	4	1	3	4	2	3	5	1	4	5	4	7	11	3	7	10	...	2	2
Calm	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

118.—THAYETMYO (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	8 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	4	5	9	4	...	4	...	...	..	...	...	...	1	2	3	2	...	2	...	...	...	...	...	...	...	2	2	6	4	10	13	6	19	15	11	26
North-East	5	6	11	4	6	10	3	3	6	...	1	1	...	2	2	...	1	1	...	...	...	...	...	...	3	2	5	7	4	11	9	3	12	2	6	8
East	3	3	6	1	3	4	...	...	...	...	...	...	2	1	3	3	1	4	1	...	1	2	...	2	1	2	3	4	2	6	3	2	5	6	7	13
South-East	8	7	15	8	4	12	11	10	21	10	4	14	8	5	13	7	5	12	10	7	17	8	10	18	18	10	28	10	8	18	1	1	2	2	...	2
South	4	6	10	4	3	7	9	2	11	8	1	9	13	7	20	16	9	25	16	13	29	16	10	26	4	9	13	2	4	6	...	3	3	...	2	2
South-West	4	1	5	5	4	9	2	11	13	6	8	14	7	9	16	...	11	11	4	9	13	5	10	15	2	4	6	1	1	2	...	3	3	...	1	1
West	1	1	2	3	9	12	3	3	6	5	15	20	...	4	4	2	3	5	...	2	2	..	...	...	1	1	2	...	3	3	...	4	4	1	...	1
North-West	2	2	4	...	...	...	3	1	4	1	1	2	...	1	1	...	...	...	...	...	...	...	1	1	1	...	1	1	5	6	4	8	12	3	4	7
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	..	..	...	2	...	2
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

119.—TOUNGOO (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	6	3	9	...	1	1	2	1	3	...	1	1	...	1	1	...	2	2	...	...	...	...	1	1	2	2	4	6	3	9	10	5	15	14	6	20
North-East	5	...	5	1	...	1	1	2	3	...	1	1	...	...	...	...	1	1	...	1	1	...	1	1	...	2	2	3	2	5	2	1	3	1	...	1
East	2	...	2	...	1	1	1	...	1	...	3	3	...	1	1	...	...	...	...	...	...	...	...	...	1	...	1	2	...	2	1	...	1	...	...	...
South-East	1	1	2	9	2	11	9	6	15	15	8	23	18	7	25	16	9	25	15	11	26	12	8	20	8	7	15	2	6	8	1	..	1	...	...	...
South	2	5	7	10	13	23	14	11	25	11	9	20	13	18	31	12	14	26	15	13	28	16	17	33	15	11	26	7	6	13	1	1	2	...	...	...
South-West	...	1	1	3	6	9	2	2	4	1	2	3	...	3	3	2	4	6	1	6	7	3	4	7	1	3	4	...	1	1	...	2	2	...	1	1
West	...	1	1	2	2	4	...	2	2	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	3	4	1	5	6	1	...	1
North-West	7	13	20	1	...	1	1	1	2	1	3	4	...	1	1	...	...	...	...	...	...	...	...	...	2	3	5	10	10	20	14	16	30	15	23	38
Calm	8	7	15	3	4	7	1	6	7	2	2	4	...	...	...	...	...	...	...	...	...	...	...	...	1	2	3	...	...	...	...	...	...	...	1	1
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

120.—*Bassein* (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	7	3	10	4	2	6	3	...	3	...	...	...	1	...	1	...	2	2	...	...	...	...	...	...	1	...	1	2	1	3	3	5	8	6	11	17
North-East	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	2	2	4	8	5	13	7	4	11
East	1	1	2	...	...	...	...	...	...	...	...	...	...	...	...	1	1	2	...	...	...	1	...	1	2	1	3	8	9	17	8	5	13	3	1	4
South-East	...	...	...	...	...	...	...	...	...	1	...	1	2	...	2	2	...	2	2	1	3	2	...	2	7	2	9	3	4	7	1	...	1	2	...	2
South	...	1	1	...	...	...	...	...	...	...	1	1	1	2	3	12	6	18	6	9	15	6	7	13	3	5	8	3	1	4	...	2	2	...	...	...
South-West	2	1	3	...	1	1	...	...	...	1	...	1	5	6	11	6	6	12	12	7	19	6	9	15	2	5	7	1	3	4	...	...	.	...	...
West	2	6	8	6	6	12	2	3	5	9	1	10	10	5	15	8	8	16	5	9	14	6	8	14	4	5	9	1	4	5	...	...	...	...	...	...
North-West	5	13	18	12	17	29	15	20	35	13	4	17	6	2	8	1	3	4	...	1	1	2	1	3	2	7	9	3	4	7	1	4	5	2	5	7
Calm	14	6	20	4	...	4	10	...	10	...	1	1	1	4	5	...	4	4	3	...	3	4	3	7	7	3	10	2	3	5	1	9	10	1	7	8
Variable	...	...	...	2	3	5	2	8	10	6	23	29	5	12	17	...	...	...	3	4	7	4	3	7	2	1	3	6	...	6	8	...	8	10	3	13

121.—Diamond Island (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	16	7	23	13	10	23	4	4	8	3	1	4	1	...	1	...	...	...	...	...	...	...	...	...	1	...	1	5	4	9	7	4	11	11	13	24
North-East	3	2	5	...	...	...	...	...	...	...	...	...	2	...	2	...	...	...	...	...	...	...	...	...	...	...	...	4	2	6	13	7	20	17	9	26
East	1	2	3	...	...	...	...	...	...	1	..	1	2	...	2	1	...	1	...	...	...	...	...	...	...	...	...	11	11	22	8	10	18	2	4	6
South-East	...	...	...	...	...	...	...	...	...	1	1	1	3	4	...	1	1	...	...	...	...	...	...	...	3	4	7	1	2	3	1	3	4	...	1	1
South	1	...	1	...	...	...	...	...	...	1	1	1	1	2	6	8	14	3	3	6	3	4	7	9	6	15	4	5	9	...	...	...	...	...	...
South-West	1	2	3	...	1	1	...	...	...	1	1	2	9	10	19	16	16	32	21	22	43	22	21	43	6	10	16	1	1	2	1	...	1	...	...	...
West	1	...	1	1	2	3	3	6	9	7	5	12	11	11	22	7	4	11	6	6	12	6	5	11	8	6	14	2	2	4	...	...	...	...	...	...
North-West	6	16	22	14	16	30	24	21	45	17	20	37	4	6	10	...	1	1	...	...	...	...	1	1	2	4	6	1	3	4	...	3	3	1	4	5
Calm	2	2	4	1	...	1	...	...	...	1	...	1	...	...	...	...	...	...	1	...	1	...	...	...	1	...	1	2	1	3	...	3	3	...	...	...
Variable	...	...	...	...	...	...	...	...	...	..	...	...	...		...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

122.—Rangoon (*4 observations daily*).

	January.					February.					March.					April.					May.					June.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	...	6	2	1	9	...	6	1	...	7	...	3	1	...	4	...	3	1	...	4	1	1	...	...	2	...	...	...	...	...
North-East	2	7	5	...	14	...	5	1	...	6	...	2	...	...	2	...	2	...	2	4	1	1	...	2	4	...	...	...	...	...
East	1	3	1	...	5	...	5	3	...	8	...	3	1	...	4	...	...	...	...	...	1	1	1	...	3	...	2	1	1	4
South-East	...	3	8	2	13	...	4	12	1	17	...	3	18	...	21	...	1	13	1	15	1	1	3	...	5	...	...	1	1	2
South	3	1	4	12	20	3	1	4	13	21	1	5	6	11	23	1	2	6	4	13	5	5	15	8	33	7	10	7	6	30
South-West	4	...	6	6	16	15	1	4	13	33	20	10	3	17	50	19	12	5	17	53	15	13	10	16	54	14	13	14	16	57
West	13	2	1	3	19	8	4	2	2	16	10	3	2	3	18	9	7	4	6	26	4	8	2	5	19	1	1	6	3	11
North-West	3	4	2	2	11	...	3	2	...	5	...	2	...	...	2	1	3	1	...	5	...	1	...	...	1	1	...	...	...	1
Calm	1	1	...	2	4	3	...	...	...	3	...	...	...	...	...	...	...	...	...	...	2	...	...	...	2	3	...	...	...	3
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

	July.					August.					September.					October.					November.					December.				
	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.	4 hours.	10 hours.	16 hours.	22 hours.	Total.
North	...	..	...	...	..	...	...	1	1	2	...	3	1	1	5	1	3	..	...	4	5	8	3	5	21	15	13	15	15	58
North-East	...	...	...	...	..	...	...	...	...	...	2	4	2	2	10	8	10	9	3	30	10	17	9	6	42	8	17	8	5	38
East	...	...	...	...	...	...	...	...	...	...	2	3	2	1	8	4	8	4	6	22	1	2	3	...	6	1	1	2	1	4
South-East	...	...	...	...	...	...	1	1	1	3	4	8	4	4	20	4	2	4	5	15	3	...	6	3	12	3	...	...	3	6
South	2	6	5	5	18	2	3	3	4	12	5	3	12	10	30	4	3	9	5	21	3	...	5	5	13	1	...	1	...	2
South-West	14	16	19	15	64	10	10	8	9	37	6	5	6	9	26	1	3	3	3	10	4	2	1	2	9	...	...	...	...	...
West	12	7	6	7	32	3	3	4	2	12	2	4	2	2	10	4	1	2	2	9	1	...	1	...	2	...	...	2	...	2
North-West	...	...	...	...	...	1	...	...	...	1	...	...	1	...	1	...	1	...	1	2	...	1	...	...	1	2	1	3	2	8
Calm	..	..	...	2	2	...	...	...	..	...	9	...	...	1	10	4	...	...	6	10	2	...	1	8	11	1	...	...	5	6
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

123.—MOULMEIN (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	2	10	12	...	...	...	...	...	...	...	...	...	2	...	2	...	...	...	...	...	...	1	...	1	3	2	5	2	7	9	3	7	10	10	16	26
North-East	16	2	18	7	...	7	2	...	2	...	...	...	2	...	2	...	...	...	1	...	1	...	...	...	2	...	2	3	4	7	7	6	13	9	1	10
East	8	...	8	15	1	16	7	...	7	1	...	1	...	...	...	...	1	1	1	...	1	2	1	3	...	...	...	7	4	11	3	4	7	2	1	3
South-East	4	1	5	3	1	4	2	...	2	...	...	...	4	...	4	7	1	8	2	1	3	4	...	4	5	...	5	4	1	5	2	...	2	...	2	2
South	...	...	...	1	...	1	4	3	7	3	9	12	4	7	11	15	15	30	9	7	16	12	11	23	8	8	16	1	3	4	1	1	2	...	2	2
South-West	...	1	1	1	15	16	11	18	29	19	17	36	14	17	31	7	12	19	15	17	32	7	15	22	9	13	22	10	5	15	...	2	2	...	...	...
West	...	6	6	2	10	12	3	10	13	5	3	8	3	5	8	...	1	1	2	6	8	2	4	6	2	6	8	...	5	5	...	5	5	...	1	1
North-West	1	11	12	...	2	2	2	...	2	2	1	3	2	2	4	1	...	1	1	...	1	3	...	3	1	1	2	4	2	6	...	4	4	2	7	9
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...	...	...	...

124.—MERGUI (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	5	5	10	6	12	18	10	15	25	12	16	28	2	7	9	...	1	1	2	4	6	4	5	9	3	3	6	11	10	21	13	13	26	8	4	12
North-East	3	4	7	4	1	2	3	1	4	1	...	1	3	1	4	...	...	...	...	...	...	...	1	1	1	2	3	5	2	7	4	4	8	8	15	23
East	5	2	7	...	...	...	1	...	1	2	...	2	2	...	2	...	...	...	...	...	...	1	...	1	...	...	...	1	2	3	6	3	9	6	3	9
South-East	3	1	4	2	1	3	2	...	2	2	1	3	3	2	5	...	1	1	...	...	...	...	...	...	...	...	...	...	3	3	2	2	4	8	7	15
South	1	2	3	...	1	1	...	...	...	2	...	2	3	4	7	3	5	8	2	3	5	5	5	10	7	5	12	3	2	5	2	1	3	1	1	2
South-West	...	...	...	...	...	...	1	1	2	...	...	...	6	4	10	17	15	32	11	10	21	8	7	15	3	3	6	4	4	8	...	...	...	...	1	1
West	...	1	1	3	2	5	...	...	...	2	5	7	4	7	11	5	4	9	4	7	11	6	7	13	8	9	17	1	...	1	...	2	2	...	...	...
North-West	14	16	30	17	12	29	14	14	28	9	8	17	8	6	14	5	4	9	12	7	19	7	6	13	8	8	16	6	8	14	3	5	8	...	...	...
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

125.—COCOS ISLAND (*2 observations daily*).

	January.			February.			March.			April.			May.			June.			July.			August.			September.			October.			November.			December.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	13	11	24	10	8	18	3	1	4	Imperfect.			Not recorded.																									
North-East	4	3	7	1	2	3	1	...	1																													
East	2	2	4	...	...	...	...	...	...																													
South-East	...	...	...	...	...	...	...	...	...																													
South	1	...	1	...	...	...	...	...	...																													
South-West	1	1	2	...	...	...	2	1	3																													
West	...	3	3	1	...	1	2	2	4																													
North-West	10	11	21	16	17	33	23	27	50																													
Calm	...	...	...	...	...	...	...	...	...																													
Variable	...	...	...	...	...	...	...	...	...																													

126.—PORT BLAIR (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.			JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	9	4	13	8	2	10	5	1	6	3	4	7	1	...	1	...	...	...	...	...	...	...	...	...	...	1	1	3	3	6	2	3	5	8	4	12
North-East	9	12	21	14	10	24	11	6	17	14	13	27	9	9	18	...	...	...	...	...	...	...	...	...	...	...	...	4	3	7	8	5	13	8	15	23
East	4	8	12	3	9	12	4	12	16	3	6	9	1	2	3	1	...	1	...	...	...	...	...	...	...	...	...	4	1	5	3	5	8	6	3	9
South-East	4	7	11	1	7	8	2	9	11	...	4	4	2	3	5	...	1	1	...	...	...	...	1	1	1	3	4	7	12	19	10	10	20	8	7	15
South	...	...	...	...	1	1	...	1	1	...	1	1	1	3	4	3	3	6	4	5	9	3	3	6	4	3	7	5	7	12	4	5	9	1	1	2
South-West	...	...	...	1	...	1	4	...	4	4	...	4	11	5	16	15	16	31	20	19	39	18	16	34	10	10	20	5	2	7	2	2	4	...	1	1
West	...	...	...	...	...	...	2	2	4	3	2	5	4	5	9	9	10	19	7	7	14	10	11	21	13	11	24	3	2	5	1	...	1	...	...	...
North-West	5	...	5	2	...	2	3	...	3	2	1	3	2	4	6	2	...	2	...	...	...	...	...	...	2	2	4	...	1	1	...	...	...	...	...	...
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

127.—NANCOWRY (*2 observations daily*).

	JANUARY.			FEBRUARY.			MARCH.			APRIL.			MAY.			JUNE.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	...	...	...	1	...	1	...	1	1	...	...	...	...	...	...	...	...	...
North-East	19	19	38	16	15	31	20	20	40	4	6	10	4	3	7	...	...	...
East	12	12	24	12	14	26	11	10	21	9	10	19	5	5	10	...	...	...
South-East	...	...	...	...	...	...	...	...	...	4	2	6	4	4	8	...	...	...
South	...	...	...	...	...	...	...	...	...	6	6	12	10	9	19	5	6	11
South-West	...	...	...	...	...	...	...	...	...	7	6	13	8	10	18	25	24	49
West	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
North-West	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

	JULY.			AUGUST.			SEPTEMBER.			OCTOBER.			NOVEMBER.			DECEMBER.		
	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.	10 hours.	16 hours.	Total.
North	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Imperfect.		
North-East	...	...	...	...	...	...	...	...	...	11	12	23	9	11	20			
East	...	...	...	...	...	...	...	...	...	3	3	6	5	5	10			
South-East	...	...	...	1	1	2	...	...	...	6	8	14	8	8	16			
South	7	6	13	...	...	...	...	...	...	...	...	...	1	1	2			
South-West	24	25	49	29	30	59	28	29	57	10	7	17	7	5	12			
West	...	...	...	1	...	1	2	1	3	...	...	...	...	...	...			
North-West	...	...	...	...	...	...	...	...	...	1	1	2	...	...	...			
Calm	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			
Variable	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...			

TABLE X.—TEMPERATURE OF EVAPORATION IN 1888. (130 STATIONS).

1. BAGHDAD.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	46·6	39·3	48·9	51·6	12·3	3·3	1·8	4·5	7·1
February	50·9	45·1	52·8†	54·8†	9·7	4·0	1·9	5·3	7·9
March	55·5	48·6*	57·6	60·3	11·7	5·0	3·1	7·4	9·0
April	60·2	54·9	62·1‡	63·5‡	8·6	8·6	3·8	10·2	15·4
May	68·8	62·9	70·5	73·0*	10·1	11·3	7·3	15·0	16·9
June	72·8	64·7	75·6	78·2	13·5	15·5	12·2	17·1	21·5
July	75·4	67·0	77·8	81·4*	14·4	17·2	13·2	19·1	23·5
August	73·4	66·1	75·4	78·8	12·7	17·5	12·5	19·2	24·4
September	71·6	63·4	74·3	77·0	13·6	14·1	9·4	18·7	21·6
October	70·5	62·7	73·1	75·6	12·9	8·6	6·4	13·6	13·5
November	54·0	45·1‡	57·4§	59·6‖	14·5	3·3	3·2	6·3	6·6
December	48·2	41·2‡	51·5‡	52·6†	10·8	0·9	1·1	3·0	3·9
Year	62·3	55·1	64·8	67·2	12·1	9·1	6·3	11·6	14·3

2. ADEN.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	69·1	66·9	70·1	70·2	3·3	5·6	4·2	6·7	8·0
February	71·2	69·3**	72·2¶	72·0‖	2·7	4·8	3·8	5·4	6·9
March	71·7	69·4	73·1	72·5	3·1	5·6	3·3	7·6	9·4
April	78·8	76·2	80·2	80·1	3·9	4·4	2·5	4·3	7·6
May	80·4	77·2	82·5	81·6	4·4	5·0	3·7	7·0	8·3
June	80·9	76·8	83·6	82·4	5·6	6·4	6·4	7·4	9·0
July	79·0	76·9*	80·8*	79·3	2·4	7·7	5·6	8·3	11·6
August	78·9	76·4	81·0	79·4	3·0	7·9	6·3	8·8	11·5
September	78·4	75·2	80·6	79·3	4·1	7·6	7·4	9·1	10·1
October	73·8	71·5	75·4	74·6	3·1	7·1	4·4	11·0	11·2
November	72·6	70·5	74·2	73·0	2·5	6·0	3·8	8·3	9·9
December	69·6	67·6	71·1	70·0	2·4	6·4	4·4	8·2	9·9
Year	75·4	72·8	77·1	76·2	3·4	6·2	4·7	7·7	9·5

* Mean of 30 days. † " " 28 " ‡ Mean of 29 days. § " " 22 " ‖ Mean of 25 days. ¶ " " 27 " ** Mean of 26 days.

3. BUSHIRE.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	53·9	50·0	54·6	57·1	7·1	3·2	2·5	3·2	4·6
February	56·1	52·1	57·3	59·0	6·9	3·7	2·7	4·8	5·8
March	61·1	57·5*	62·0*	63·7	6·2	5·8	4·1	7·2	8·4
April	65·6	62·4	66·3	68·0	5·6	7·5	4·8	10·7	10·9
May	73·4	70·1	74·2	76·0	5·9	7·3	5·2	11·1	10·1
June	76·5	72·8	77·7	79·1	6·3	9·7	9·0	11·5	11·4
July	80·1	76·3	81·9	82·0	5·7	8·9	7·7	10·6	11·9
August	80·3	76·7	81·6	82·7	6·0	9·0	7·5	11·4	11·7
September	77·9	72·1	79·2	82·5	10·4	8·8	7·7	11·8	11·0
October	75·5	70·3	77·5	78·6	8·3	6·4	4·8	10·0	10·0
November	61·4	57·3	62·1	64·9	7·6	7·9	5·5	11·0	10·8
December	54·4	51·0	55·3	57·0	6·0	5·2	3·4	5·9	7·7
Year	68·0	64·1	69·1	70·9	6·8	7·0	5·4	9·1	9·5

4. AMINI DIVI.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	72·8	70·0	74·3	74·1	4·1	6·6	3·1	8·5	8·3
February	74·3	72·1	75·3	75·5	3·4	6·8	4·3	8·3	7·7
March	75·8	73·3	76·8	77·3	4·0	7·1	4·0	8·7	8·5
April	77·6	75·6	78·5	78·7	3·1	6·8	4·5	8·6	7·4
May	78·1	76·2	79·3	78·7	2·5	6·3	4·4	8·0	6·6
June	77·4	74·7	79·3	78·2	4·5	3·4	2·4	4·0	3·9
July	77·2	74·4	78·7	78·5	4·1	4·2	3·1	4·9	4·7
August	77·3	74·9	78·6	78·3	3·4	4·4	3·4	4·8	5·3
September	77·0	74·3	78·3	78·3	4·0	5·6	4·0	6·0	6·9
October	76·8	73·9	78·6	78·0	4·1	4·8	2·5	5·7	6·0
November	76·1	72·9	77·8	77·4	4·5	5·2	2·6	6·9	6·5
December	73·9	70·8	75·8	75·1	4·3	7·3	3·6	9·6	8·8
Year	76·2	73·6	77·6	77·3	3·8	5·7	3·5	7·0	6·7

* Mean of 30 days.

5. QUETTA.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	34·0	25·7	36·5	39·8	14·1	2·6	1·0	4·2	6·7
February	37·7	32·6	39·5	41·1	8·5	3·9	2·0	5·4	7·5
March	46·5	39·3	49·3	50·9	11·6	6·9	3·1	10·7	13·5
April	50·7	42·7	54·2	55·3	12·6	8·3	4·2	13·6	15·7
May	53·0	44·0	57·0	58·0	14·0	11·1	5·1	17·8	21·0
June	56·4	47·8	60·3	61·2	13·4	14·6	7·2	21·6	25·8
July	64·4	57·8	67·5	68·0	10·2	13·4	6·9	16·5	22·8
August	62·6	54·9	65·3	67·6	12·7	10·9	4·9	17·4	19·6
September	51·9	40·2	55·9	59·7	19·5	11·7	5·2	18·5	22·1
October	45·1	34·9	48·7	51·8	16·9	10·1	3·9	16·2	19·7
November	39·4	32·3	41·3	44·6	12·3	7·0	3·0	10·9	12·8
December	37·4	29·8	39·3	43·1	13·3	5·4	1·9	8·8	10·7
Year	48·3	40·2	51·2	53·4	13·3	8·8	4·0	13·5	16·5

6. LEH.

Month.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Minima.	Difference, Dry and Wet Bulb. Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Minima.
January	15·8	10·1	16·4	22·1	14·5	?	3·1	1·2	4·2	5·3	1·9	?
February	16·3	10·2	17·7	22·7	14·7	9·5	3·0	1·2	3·4	5·3	1·9	0·9
March	28·4	22·6	30·0	33·3	27·7	21·4	5·9	2·2	6·9	10·3	4·3	2·3
April	32·4	28·3	34·7	35·3	31·3	27·0	8·2	3·5	9·4	13·5	6·4	3·7
May	36·2	30·6	39·2	40·4	34·6	29·3	10·7	5·2	12·6	15·8	9·2	5·1
June	40·6	35·9	43·2	44·6	38·7	34·6	12·4	6·6	14·4	18·5	10·2	6·4
July	49·5	43·9	52·1	54·9	47·0	43·5	13·4	7·5	15·0	19·1	12·2	6·9
August	48·5	42·4	52·8	53·6	45·2	41·9	12·3	6·8	13·1	18·5	10·6	6·7
September	39·9	32·6	43·4	46·5	36·9	31·9	14·0	7·2	16·2	20·7	12·1	7·5
October	31·8	26·4	34·7*	36·0*	30·0	25·8	10·0	4·4	12·0	16·0	7·5	4·5
November	25·9	20·4	28·4	30·7	24·0	19·6	6·1	2·1	7·9	10·4	4·0	1·9
December	19·2	12·0	21·1	27·0	16·8	11·1	3·8	1·9	4·2	5·4	3·7	1·4
Year	32·0	26·3	34·5	37·3	30·1	?	8·6	4·2	9·9	13·2	7·0	?

* Mean of 30 days.

7. MOOLTAN.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	47·2	35·3	49·8	56·5	21·2	4·8	3·3	7·1	8·9
February	50·4	39·4	54·0	57·9	18·5	4·8	3·2	7·5	9·8
March	62·6	53·8	64·1	69·9	16·1	11·5	6·4	13·2	18·0
April	?	Imperfect.	66·3	74·3	?	?	?	21·2	22·8
May	?	Do.	70·9	78·7	?	?	?	25·1	26·9
June	77·1	70·7	76·6	84·0	13·3	17·9	13·2	19·4	22·0
July	79·9	74·4	80·1	85·1	10·7	14·3	9·5	14·1	19·4
August	79·8	74·6	80·1	84·6	10·0	12·1	8·1	11·6	16·4
September	74·9	69·2	75·0	80·4	11·2	?	?	13·4	18·5
October	67·3	58·0	66·9	77·0	19·0	11·2	6·9	11·8	15·0
November	57·4	48·0	58·0	66·1	18·1	9·4	4·7	10·3	14·7
December	50·1	40·3	50·0	60·1	19·8	8·4	3·9	9·1	12·6
Year	?	?	66·0	72·9	?	?	?	13·7	17·1

8. DERA ISMAIL KHAN.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	42·2	31·8	43·5	51·4	19·6	8·5	5·5	6·7	12·7
February	48·1	39·1	49·9	55·4	16·3	8·5	5·2	6·4	13·4
March	57·8	48·1	60·9	64·3	16·2	13·8	9·7	14·2	21·0
April	61·1	51·1	64·6	67·5	16·4	17·7	12·9	20·4	26·0
May	67·1	56·9	70·9	73·5	16·6	22·4	18·1	23·0	30·4
June	72·8	66·1	75·3	76·9	10·8	21·1	15·3	19·3	29·8
July	77·9	71·9	80·1	81·7	9·8	16·9	12·7	13·6	23·3
August	78·2	73·0	80·2	81·5	8·5	14·2	9·7	11·3	20·5
September	71·1	63·8	73·6	76·0	12·2	17·2	10·7	15·3	26·0
October	61·8	52·6	65·2	67·6	15·0	14·6	9·9	14·7	22·6
November	54·0	44·2	56·4	61·5	17·3	11·0	7·2	10·6	17·0
December	45·5	34·4	46·7	55·3	20·9	10·0	5·8	7·5	15·4
Year	61·5	52·8	63·9	67·7	15·0	14·7	10·2	13·6	21·5

9. PESHAWAR.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	42·9	35·3	44·5	48·9	13·6	6·0	2·8	6·3	10·7
February	47·7	40·9	49·4	52·8	11·9	6·0	2·7	6·6	10·9
March	57·4	50·0	60·3	61·8	11·8	8·5	4·3	10·8	15·6
April	62·1	54·6	64·8	67·0	12·4	10·9	6·3	14·8	18·1
May	66·9	59·5	69·7	71·5	12·0	18·2	12·2	22·3	27·0
June	70·3	61·8	73·8	75·2	13·4	19·7	14·8	23·6	28·2
July	77·3	71·8	79·5	80·5	8·7	14·1	8·7	14·6	21·8
August	78·5	74·2	80·1	81·1	6·9	9·5	4·3	10·1	16·4
September	70·1	63·4	72·5	74·5	11·1	13·0	6·5	15·1	21·7
October	60·7	52·0	64·2	66·0	14·0	11·4	6·5	13·9	19·6
November	53·4	45·6	55·8	58·7	13·1	7·7	4·2	10·1	13·7
December	46·4	37·8	48·7	52·8	15·0	6·3	2·1	6·8	12·7
Year	61·1	53·9	63·6	65·9	12·0	10·9	6·3	12·9	18·0

10. MURREE.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	32·1	28·8	33·5	31·0	5·2	4·3	4·2	7·0	5·8
February	34·4	30·3	35·5	37·3	7·0	2·8	2·8	5·5	4·0
March	44·2	39·9	46·0	46·8	6·9	8·2	7·1	11·6	11·0
April	47·2	43·0	48·9	49·7	6·7	10·7	9·4	14·0	13·7
May	51·7	48·0	53·7	53·5	5·5	15·4	12·2	19·2	20·5
June	55·7	51·6	57·8	57·8	6·2	14·3	11·4	17·2	19·2
July	63·7	59·5	65·5	66·1	6·6	4·7	2·7	6·8	8·4
August	63·7	58·9	65·5	66·7	7·8	1·9	1·8	2·9	3·7
September	57·3	52·4*	59·8*	59·6*	7·2	8·8	7·6	10·8	12·5
October	47·6	43·3	49·9	49·5†	6·2	9·5	8·6	12·6	12·7
November	41·4	37·6	43·9	42·8	5·2	6·1	6·1	10·2	8·5
December	36·0	31·6	38·0	38·3	6·7	7·1	7·4	11·4	8·8
Year	47·9	43·7	49·8	50·2	6·4	7·8	6·8	10·8	10·7

* Mean of 29 days.
† „ „ 30 „

11 RAWALPINDI.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	42·8	34·6	45·3	48·6	14·0	3·9	1·2	5·4	9·0
February	48·2	41·2	50·4	52·9	11·7	3·2	0·6	3·9	8·1
March	56·8	49·2	60·2	61·1	11·9	8·7	3·5	11·6	17·1
April	61·4	53·8	64·8	65·6	11·8	11·4	6·2	14·7	19·9
May	67·1	57·5	71·0	72·9	15·4	16·7	11·9	22·7	25·3
June	72·3	64·6	75·3	76·9	12·3	15·5	10·0	19·0	24·0
July	78·5	73·5	80·9	82·1	8·6	9·2	5·8	10·3	13·9
August	78·1	73·0	80·4	81·2	8·2	5·7	3·6	5·8	9·7
September	70·4	63·7	73·7	73·8	10·1	11·5	5·9	15·1	20·4
October	61·6	52·2	65·8	66·7	14·5	9·0	5·0	12·9	17·2
November	55·8	45·0	59·9	62·4	17·4	4·0	2·8	7·1	9·3
December	49·0	36·4	52·9	57·8	21·4	0·7	0·6	3·1	4·6
Year	61·8	53·7	65·1	66·8	13·1	8·3	4·8	11·0	14·9

12. SIALKOT.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	46·0	38·3	47·4	52·4	14·4	4·9	1·2	5·1	9·9
February	51·8	44·9	53·5	57·1	12·2	3·6	0·6	3·7	8·2
March	62·0	54·1	64·2	67·7	13·6	7·1	2·3	10·3	14·0
April	64·0	57·7	66·7	67·7	10·0	15·8	7·7	19·6	26·4
May	66·9	62·2	68·6	69·8	7·6	21·5	12·1	26·9	32·6
June	72·1	67·3	73·6	75·4	8·1	18·6	10·2	23·7	28·5
July	78·0	72·7	80·0	81·3	8·6	8·4	3·8	10·0	14·9
August	78·1	72·2	80·4	81·7	9·5	5·2	2·4	6·6	10·2
September	74·0	69·2*	75·8	77·1	8·9	10·9	3·6	13·4	19·9
October	63·5	58·3†	65·3	67·0	8·7	10·5	2·1	14·9	20·5
November	56·6	49·1	58·5	62·1	13·0	7·9	2·7	10·7	15·1
December	48·9	39·2	51·1	56·5	17·3	5·5	2·1	6·0	10·9
Year	63·5	57·1	65·4	68·0	11·0	10·0	4·2	12·6	17·6

* Mean of 25 days.
† „ „ 24 „

13. LAHORE.

Month.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Minima.	Difference, Dry and Wet Bulb. Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Minima.
January	45·1	38·9	47·8	50·7	42·8	36·2	6·7	2·5	8·1	13·0	3·5	1·3
February	51·0	45·5	53·1	55·3	50·0	43·4	5·9	1·9	7·2	11·8	2·7	0·9
March	60·6	55·4	63·4	64·7	58·9	53·6	12·6	5·0	15·3	22·1	7·8	3·1
April	63·6	58·1	66·8	67·2	62·4	56·7	19·2	10·6	22·7	28·1	15·4	8·5
May	66·7	62·1	69·1	70·2	65·4	61·1	23·7	14·2	27·8	33·6	19·2	11·8
June	71·3*	68·6	72·4	73·3	70·7	67·8*	21·6	13·0	24·3	30·5	18·7	11·0
July	78·8	77·2	79·3	79·9	78·7	75·8	11·1	6·3	11·9	18·1	8·0	5·3
August	79·2	77·4	79·9	80·5	78·8	76·2	8·3	4·1	9·9	13·3	6·1	3·5
September	72·6	69·2	74·2	75·3	71·6	68·0	12·4	4·4	16·1	21·9	7·1	3·6
October	63·0	57·5	66·0	67·7	60·6	56·1	12·6	5·2	17·0	21·1	7·3	3·2
November	55·7	49·7	59·1	61·3	52·8	47·7	9·4	2·8	12·9	17·3	4·4	1·5
December	47·9	40·7	51·0	55·2	44·8	38·4	7·9	2·9	9·9	15·0	3·6	1·2
Year	63·0	58·4	65·2	66·8	61·5	56·8	12·6	6·1	15·3	20·5	8·7	4·6

* Mean of 25 days.

14. LUDHIANA.

Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
46·4	39·5	48·3	51·5	12·0	5·2	1·2	6·4	11·0
51·6	45·3	53·8	55·8	10·5	6·0	1·8	7·2	12·2
60·3	54·3	62·6	64·1	9·8	12·5	4·4	15·8	22·7
63·2	57·9	65·1	66·5	8·6	19·7	10·8	25·8	30·6
66·8	62·7	68·2	69·6	6·9	23·2	13·7	28·7	34·0
72·1	69·3	73·2	73·9	4·6	18·4	10·4	21·8	27·3
79·0	76·7	79·6	80·7	4·0	6·9	2·2	7·9	12·2
79·2	76·9	79·9	80·9	4·0	5·2	1·4	6·7	9·6
73·9	70·8	75·4	75·4	4·6	8·3	2·2	10·6	16·0
64·1	59·2	66·3	66·8	7·6	10·0	2·9	14·2	19·2
57·1	50·9	59·4	61·0	10·1	7·3	1·9	11·5	14·9
49·0	41·4	51·5	54·1	12·7	6·3	1·6	8·3	13·4
63·6	58·7	65·3	66·7	8·0	10·8	4·5	13·7	18·6

15. CHAMBA.

Month.	Mean.	4 hours.	6 hours.	10 hours.	16 hours.	22 hours.	Minima.	Difference, Dry and Wet Bulb. Mean.	4 hours.	6 hours.	10 hours.	16 hours.	22 hours.	Minima.
January	39·8	35·7	Observed previously at 4 A.M.	40·1	44·5	38·8	35·4	6·6	4·7	?	6·3	9·5	6·0	3·6
February	45·0	41·5*		44·7	49·8	44·0	40·1	5·7	3·2	?	5·1	9·3	5·1	2·7
March	53·1	48·9		53·8	57·7	52·1	48·0	10·2	6·1	?	9·6	16·2	8·8	4·5
April	56·4		51·8	58·9	60·3	54·7	52·0	13·2	?	7·8	12·1	20·5	12·1	6·8
May	58·4		53·8	60·8	62·2	56·6	53·9	16·9	?	10·7	16·9	24·5	15·7	9·6
June	62·9		58·9	64·7	66·2	61·8	58·6	15·9	?	9·7	17·1	22·6	14·0	9·0
July	72·3		69·6	72·7	74·5	72·3	69·1	6·1	?	3·3	7·1	9·3	4·7	2·6
August	72·3		69·8	72·8	74·8	71·6	69·1	4·3	?	1·8	5·0	6·9	3·5	1·8
September	66·7		62·7	67·6	70·8	65·6	62·3	7·8	?	3·6	9·5	12·1	6·0	3·3
October	55·2		50·0	56·8	60·8	53·1	50·0	9·6	?	5·5	10·6	14·0	8·4	4·2
November	48·2		43·5	49·8	52·7	46·8	43·3	7·8	?	5·0	8·9	10·5	6·7	3·8
December	43·5		38·8	44·5	48·3	42·2	38·4	7·3	?	5·1	7·4	10·4	6·6	3·9
Year	56·2		?	57·3	60·2	55·0	51·7	9·3	?	?	9·6	13·8	8·1	4·7

Hour of observation changed from April 1st.

* Mean of 28 days.

16. KAILANG.

Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
21·5	14·7†	23·6	26·3	11·6	0·8	0	3·1	3·6
21·2	12·8	25·2	25·7	12·9	0·3	1·0	2·3	3·4
28·7	21·7	31·5	32·9	11·2	2·8	1·2	5·3	7·1
36·0	30·4	38·1	39·5	9·1	4·7	2·6	7·7	8·9
39·2	34·6‡	41·4	41·5	6·9	5·8	2·1	10·3	11·8
?	Imperfect.	48·5	47·8	?	?	?	10·3	14·1
?	Not recorded.	57·6	56·9	?	?	?	7·4	12·0
?	ditto.	57·2	55·8	?	?	?	8·7	13·6
?	ditto	49·2	48·8	?	?	?	11·0	13·2
33·9	27·4‡	36·5	37·9	10·5	6·2	2·6	10·3	12·2
28·1	22·5	31·1	30·7	8·2	4·1	1·8	7·3	9·3
18·5	11·1	21·3	23·2	12·1	0·4	1·0	2·8	2·5
?	?	38·4	38·9	?	?	?	7·2	9·3

† Mean of 27 days.
‡ „ „ 23 „

TABLE X.—TEMPERATURE OF EVAPORATION IN 1888.

17. SIMLA.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	32·4	27·9	32·9	36·5	8·6	5·4	4·9	7·3	6·3
February	36·1	31·7	36·6	39·9	8·2	4·7	4·3	6·6	5·7
March	44·8	40·2	45·2	49·0	8·8	9·4	7·1	10·9	12·1
April	47·7	43·1	48·8	51·1	8·0	12·9	9·9	14·5	17·1
May	51·5	47·4	51·9	55·1	7·7	14·6	10·8	16·2	18·9
June	55·7	51·0	56·3	59·9	8·9	10·8	8·2	11·8	13·8
July	61·7	59·2	61·0	64·9	5·7	2·6	1·5	1·8	3·0
August	61·8	58·6	62·3	64·5	5·9	1·4	1·2	2·3	2·1
September	57·4	53·2	58·2	60·9	7·7	3·7	2·5	4·7	5·5
October	48·0	42·8	49·1	52·0	9·2	8·2	6·8	9·5	10·8
November	42·2	37·6	42·9	46·2	8·6	6·2	5·3	8·1	7·6
December	37·8	32·5	38·2	42·6	10·1	9·8	8·6	11·8	11·4
Year	48·1	43·8	48·6	51·9	8·1	7·5	5·9	8·8	9·5

18. DELHI.

Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
49·2	44·1	49·8	53·8	9·7	6·8	2·3	7·3	11·7
54·4	49·5	55·4	58·4	8·9	7·0	3·3	9·4	11·6
62·8	58·6	63·4	66·4	7·8	13·6	6·1	17·3	21·7
66·9	63·2	66·9	70·6	7·4	19·7	11·8	24·8	27·6
70·6	67·3	70·6	73·8	6·5	20·2	13·1	24·8	27·4
75·3	73·2	75·0	77·6	4·4	17·5	10·4	19·2	24·4
79·8	78·2	80·0	81·3	3·1	6·7	2·6	8·0	10·8
79·5	77·1	79·8	81·6	4·5	4·6	1·7	5·1	7·7
74·8	71·9	75·1	77·3	5·4	7·6	3·3	9·2	12·2
67·8	62·8	67·9	72·6	9·8	10·0	4·3	13·1	15·8
60·9	52·9	60·2	69·6	16·7	10·0	4·2	11·4	15·1
49·8	43·1	50·6	55·7	12·6	9·7	2·2	9·3	18·0
66·0	61·8	66·2	69·9	8·1	11·1	5·4	13·2	17·0

19. SIRSA.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean	Minimum.	10 hours.	16 hours.
January	46·6	38·3	48·8	52·6	14·3	6·1	2·3	6·0	12·1
February	51·8	43·6	54·6	57·1	13·5	7·1	2·7	7·7	14·4
March	64·3	54·9	66·9	71·1	16·2	11·1	5·1	14·1	19·7
April	71·2	60·8	74·5	78·3	17·5	13·4	8·7	18·0	21·4
May	75·7	65·7	79·0	82·5	16·8	16·3	12·4	21·3	23·4
June	74·1	70·2*	75·3*	76·9	6·7	19·3	12·2	21·5	27·4
July	78·1	74·9	79·2	80·1	5·2	11·7	6·9	12·0	17·7
August	78·4	75·8	79·3	80·1	4·3	9·4	3·5	10·6	16·2
September	73·1	68·0	74·7	76·7	8·7	13·3	6·1	15·6	21·9
October	66·4	57·8	69·5	71·9	14·1	10·9	4·6	14·8	20·3
November	57·3	47·6	60·9	63·4	15·8	5·1	3·4	13·6	18·3
December	49·6	38·7	52·8	57·2	18·5	7·5	2·5	9·4	15·8
Year	65·6	58·0	68·0	70·7	12·6	11·3	5·9	13·7	19·1

20. CHAKRATA.

Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
33·9	29·2	36·0	36·5	7·3	5·7	4·3	6·6	5·3
37·3	31·7	39·1	41·0	9·3	5·4	3·8	5·9	5·7
45·9	40·9	47·9	48·9	8·0	9·6	6·5	11·8	11·8
48·5	43·6	51·2	50·6	7·0	14·8	10·5	16·7	18·5
50·8	46·2	53·1	53·2	7·0	14·9	10·8	17·0	17·4
55·0	50·9	56·7	57·4	6·5	12·5	8·8	13·4	14·6
62·7	60·0	63·7	64·4	4·4	1·5	0·7	1·7	1·8
62·3	58·7	64·3	63·8	5·1	2·3	1·0	3·0	1·4
58·9	55·1	60·8	60·7	5·6	2·8	1·2	3·8	2·6
49·2	43·5	51·8	52·3	8·8	8·5	7·0	10·3	9·0
42·8	38·5	44·5	45·3	6·8	5·9	4·5	7·9	5·7
38·7	34·3	40·3	41·5	7·2	9·2	7·3	10·8	9·1
48·8	44·4	50·8	51·3	6·9	7·8	5·5	9·1	8·6

* Mean of 29 days.

21. MUSSOOREE. (TRGL. S. OFFICE).

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	33·6	28·9	36·1	35·9	7·0	5·0	4·9	5·9	3·4
February	37·0	31·6	38·9	40·4	8·8	5·5	5·3	6·4	4·4
March	45·4	39·9	47·6	48·8	8·9	10·1	9·2	11·3	10·6
April	48·7	42·5	51·3	52·2	9·7	15·0	13·3	15·8	16·8
May	52·3	45·7	55·3	55·9	10·2	14·3	12·9	14·6	16·1
June	56·2	50·1	58·5	60·1	10·0	12·0	9·7	12·0	13·5
July	62·6	59·4*	63·9	64·4	5·0	1·1	0·9	0·8	1·4
August	62·3	59·0	63·8	64·1	5·1	1·7	1·0	1·6	1·1
September	59·3	55·5	60·9	61·4	5·9	2·1	1·3	2·6	1·6
October	49·8	44·4	51·8	53·1	8·7	7·1	6·8	9·1	6·0
November	43·4	38·6	46·1	45·4	6·8	4·7	5·1	6·1	3·4
December	39·2	34·3†	41·3†	41·9‡	7·6	7·3	7·2	9·2	5·4
Year	49·2	44·2	51·3	52·0	7·8	7·2	6·5	8·0	7·0

* Mean of 30 days.
† „ „ 29 „
‡ Mean of 28 days.

22. DEHRA.

Month.	Mean.	Minimum.	9-30 hours.	15-30 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	9-30 hours.	15-30 hours.
January	?	Not recorded.	45·4	50·7	?	?	Not recorded.	4·5	9·6
February	?		50·5	54·3	?	?		5·4	11·3
March	?		58·9	60·6	?	?		13·1	19·9
April	?		61·0	62·7	?	?		20·5	27·7
May	?		64·4	65·5	?	?		21·6	28·5
June	?		67·8	68·7	?	?		18·1	26·3
July	?		74·5	76·5	?	?		2·9	5·0
August	?		74·7	75·7	?	?		4·0	4·3
September	?		72·2	74·1	?	?		4·9	6·7
October	?		63·3	64·5	?	?		9·1	12·8
November	?		57·2	58·9	?	?		7·3	10·6
December	?		50·6	53·6	?	?		6·5	11·6
Year	?		61·7	63·8	?	?		9·8	14·5

23. ROORKEE.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	47·7	40·3	49·6	53·1	12·8	6·1	1·2	5·7	11·4
February	52·6	46·7	54·3	56·7	10·0	6·5	1·7	6·4	12·9
March	59·3	53·1	62·0	62·7	9·6	13·9	3·9	14·6	24·1
April	62·1	56·7	64·6	65·1	8·4	21·8	10·1	24·6	31·6
May	67·1	62·2	69·2	70·0	7·8	21·8	12·4	23·6	32·0
June	71·0	67·7*	72·5	72·8	5·1	20·3	11·4	20·7	29·6
July	78·1	75·7	78·8	79·9	4·2	5·5	2·5	5·3	9·0
August	78·1	75·1	78·8	80·5	5·4	4·9	2·1	5·3	8·2
September	74·9	71·3	76·4	77·1	5·8	5·6	1·9	6·1	9·5
October	65·2	59·1	67·8	68·6	9·5	8·1	2·0	9·6	15·7
November	58·2	51·4	60·8	62·5	11·1	6·9	2·1	8·9	12·7
December	50·7	42·6	52·8	56·7	14·1	5·4	1·1	5·4	11·3
Year	63·8	58·5	65·6	67·1	8·7	10·6	4·4	11·4	17·3

* Mean of 29 days

24. RANIKHET.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	37·6	32·7	39·2	41·0	8·3	4·6	3·6	4·8	6·2
February	40·7	36·1	41·6	44·3	8·2	6·1	4·2	6·1	7·1
March	48·4	43·6	50·1	51·5	7·9	10·3	7·9	11·1	12·5
April	51·0	46·5	53·2	53·3	6·8	16·1	11·9	17·5	18·4
May	55·5	50·3	57·6	58·5	8·2	13·0	8·8	14·9	15·5
June	58·6	54·3	59·6†	61·9†	7·6	13·1	9·8	14·9	15·3
July	65·2	62·1	66·0‡	67·4‡	5·3	1·8	0·7	2·3	2·5
August	64·7	61·2	66·1	66·8	5·6	2·4	0·9	3·0	3·0
September	61·3	58·0	62·5	63·5	5·5	2·9	0·8	3·8	4·1
October	52·8	47·4	55·0	56·0	8·6	7·8	6·3	9·8	9·7
November	47·6	41·9	49·7	51·1	9·2	5·7	3·8	6·9	6·4
December	44·4	38·1	46·7	48·4	10·3	6·3	5·1	7·2	7·1
Year	52·3	47·7	53·9	55·3	7·6	7·5	5·3	8·5	9·0

† Mean of 28 days.
‡ „ „ 24 „

TABLE X.—TEMPERATURE OF EVAPORATION IN 1888.

25. PITHORAGARH.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	40·6	35·3	42·9	43·6	8·3	5·2	2·7	4·9	8·8
February	43·9	39·0	45·5	47·3	8·3	6·5	2·9	6·0	9·7
March	52·0	46·8	54·1	55·0	8·2	10·3	5·5	11·0	15·2
April	55·4	50·3	57·5	58·3	8·0	15·1	9·0	16·2	19·5
May	57·8	52·8	60·0	60·7	7·9	12·4	6·8	13·3	17·1
June	62·1	57·9	64·2	64·2*	6·3	12·1	7·4	13·0	16·5
July	68·3	65·3	69·1	70·5	5·2	3·3	1·3	3·3	5·4
August	67·7	64·3	68·9	69·9	5·6	3·4	1·1	3·6	5·1
September	64·3	60·5	65·4	67·1	6·6	3·7	1·1	3·4	6·6
October	57·1	52·3	59·4	59·7	7·4	6·5	2·9	7·0	12·3
November	49·8	44·1	52·2	53·2	9·1	6·8	2·9	6·2	11·1
December	45·9	39·6	48·4	49·6	10·0	6·8	3·1	6·1	11·9
Year	55·4	50·7	57·3	58·3	7·6	7·7	3·9	7·8	11·6

* Mean of 29 days.

26. MEERUT.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	47·4	40·9	48·8	52·6	11·7	6·5	1·5	6·4	10·8
February	53·0	47·5	54·5	56·9	9·4	8·0	1·7	8·5	13·8
March	61·3	56·1	63·4	64·5	8·4	13·7	3·7	16·4	21·8
April	65·0	59·5	67·2	68·2	8·7	19·8	8·6	24·1	28·7
May	70·6	66·8	71·9	73·0	6·2	18·6	8·3	21·8	27·7
June	74·0	72·6	74·6	74·8	2·2	17·6	7·9	19·0	26·0
July	79·4	77·9	79·6	80·8	2·9	5·4	1·0	5·6	8·1
August	79·1	77·0	79·6	80·6	3·6	4·4	0·5	5·0	6·8
September	75·1	72·5	75·8	77·1	4·6	5·7	0·8	6·9	10·2
October	66·0	60·9	67·5	69·7	8·8	8·2	1·4	10·9	15·2
November	58·3	52·2	59·8	62·8	10·6	7·1	1·1	9·2	12·7
December	49·4	42·3	51·0	55·0	12·7	7·6	1·2	8·1	13·5
Year	64·9	60·5	66·1	68·0	7·5	10·2	3·1	11·8	16·3

27. BAREILLY.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	49·1	42·0	50·7	54·5	12·5	6·8	1·5	7·7	11·3
February	54·3	48·2*	56·0	58·6	10·4	7·9	2·3	7·8	14·3
March	61·9	55·7†	64·0	65·9	10·2	13·3	4·6	16·2	22·0
April	66·9	60·9	69·0	70·7	9·8	18·7	8·8	21·8	28·2
May	71·7	66·7	73·5	74·8	8·1	17·3	9·3	19·8	27·1
June	?	Imperfect	78·0‡	79·8‡	?	?	?	15·5	22·6
July	79·7	77·2	80·5	81·3	4·1	3·2	1·2	3·8	5·4
August	79·1	76·7	80·1	80·6	3·9	3·4	1·4	4·6	5·7
September	76·0	73·6	77·0	77·5	3·9	4·5	1·4	5·5	7·6
October	67·5	62·5	69·8	70·2	7·7	7·7	2·1	9·6	15·7
November	59·8	53·3	62·3	63·9	10·6	6·7	1·8	8·0	14·0
December	51·7	43·3	53·6	58·2	14·9	5·6	1·5	5·8	12·9
Year	?	?	67·9	69·7	?	?	?	10·5	15·6

* Mean of 28 days.
† „ „ 30 „

28. AGRA.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	49·8	42·2	51·4	55·7	13·5	8·4	3·6	7·2	12·5
February	56·2	48·9	57·8	61·8	12·9	9·1	3·9	9·0	13·8
March	63·1	57·1	65·1	67·0	9·9	17·6	7·9	18·1	25·2
April	66·0	60·1	67·8	70·0	9·9	25·1	14·6	26·6	32·5
May	71·0	65·3§	73·1§	74·5§	9·2	24·9	15·0	26·0	32·1
June	75·2	72·4	76·1	77·2	4·8	21·0	12·7	22·3	28·4
July	80·1	77·7	80·8	81·8	4·1	6·0	2·2	6·0	7·9
August	79·1	76·6	80·0	80·6	4·0	5·2	1·3	5·3	6·7
September	76·0	72·7	77·5	77·9	5·2	8·0	2·2	8·9	10·8
October	67·9	62·3	69·8	71·5	9·2	12·5	4·2	15·1	19·1
November	60·5	53·4	62·9	65·1	11·7	11·5	4·2	13·5	16·9
December	53·6	43·2	56·1	61·6	18·4	8·6	2·8	9·7	13·3
Year	66·5	61·0	68·2	70·4	9·4	13·2	6·2	14·0	18·3

‡ Mean of 26 days.
§ „ „ 27 „

29. LUCKNOW.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	50·2	42·7	52·7	55·3	12·6	8·3	2·0	7·9	12·4
February	55·4	49·2	57·3	59·8	10·6	10·0	3·5	10·5	16·0
March	62·4	55·9	64·8	66·5	10·6	15·8	6·1	17·6	24·7
April	67·0	60·9	69·5	70·7	9·8	21·1	11·6	23·2	30·2
May	71·7	66·1	73·9	75·0	8·9	20·5	10·2	21·9	29·5
June	74·6	71·4	76·2	76·3	4·9	19·6	11·1	19·8	27·2
July	70·4	77·0	80·3	81·0	4·0	4·1	1·8	4·1	6·3
August	78·7	76·5	79·8	79·9	3·4	4·0	1·7	4·6	5·6
September	76·7	74·0	78·0	78·1	4·1	5·5	1·8	6·6	8·1
October	67·6	62·2	70·2	70·5	8·3	10·5	2·4	13·7	18·3
November	59·9	52·7	63·0	64·0	11·3	9·3	1·8	12·5	16·4
December	51·3	42·1	55·0	56·7	14·6	8·6	1·5	10·5	14·9
Year	66·2	60·9	68·4	69·5	8·6	11·4	4·6	12·7	17·5

30. GORAKHPUR.

Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
52·2	45·4	54·4	56·7	11·3	5·2	2·2	6·7	9·5
56·1	50·6	58·2	59·6	9·0	8·7	2·6	10·7	14·9
63·2	57·7	65·4	66·6	8·9	14·3	5·2	16·2	22·2
68·2	62·7	69·8	72·2	9·5	17·7	10·2	19·7	24·6
72·9	68·1	74·8	75·8	7·7	16·2	8·9	17·7	22·5
76·6	73·2	78·4	78·1	4·9	14·4	7·6	14·1	21·5
79·2	77·5	79·7	80·4	2·9	4·1	2·1	4·9	6·1
78·9	76·9	79·3	80·5	3·6	4·7	2·1	5·4	6·2
77·7	75·7	78·9	78·6	2·9	5·0	2·1	5·4	6·8
70·2	66·6	72·3	71·8	5·2	9·5	3·1	12·0	14·5
62·1	56·1	65·0	65·2	9·1	7·0	2·5	10·5	11·9
53·7	44·8	57·6	58·8	14·0	7·7	3·7	9·6	11·1
67·6	62·9	69·5	70·4	7·4	9·5	4·4	11·1	14·3

31. JHANSI.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	51·7	45·6	53·4	56·0	10·4	8·8	3·1	9·6	12·8
February	57·1	51·9	58·3	61·2	9·3	9·8	4·0	10·8	15·2
March	65·4	60·2	67·0	69·0	8·8	16·3	8·2	18·3	23·3
April	66·8	61·6	68·3	70·5	8·9	25·5	17·6	29·1	31·2
May	69·4	66·2	70·7	71·4	5·2	28·0	18·7	31·3	34·8
June	74·7	72·5	75·8	75·8	3·3	20·2	13·1	23·1	27·0
July	77·7	75·5	78·3	79·4	3·9	4·8	2·9	5·1	6·5
August	76·7	74·5	77·4	78·3	3·8	3·0	1·4	3·4	4·0
September	75·2	71·8	77·5	76·3	4·5	6·7	3·4	8·4	9·9
October	67·2	62·5	69·8	69·3	6·8	13·8	6·7	16·6	19·5
November	59·4	53·3	62·0	62·8	9·5	13·5	6·2	16·1	17·5
December	53·2	45·9	56·0	57·6	11·7	11·6	4·8	13·9	17·2
Year	66·2	61·8	67·9	69·0	7·2	13·5	7·5	15·5	18·2

32. ALLAHABAD.

Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Minima.	Difference, Dry and Wet Bulb. Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Minima.
51·4	45·8	53·3	56·0	50·5	44·2	6·1	2·1	7·6	12·8	5·3	1·1
58·5	51·5	58·6	60·6	55·3	49·9	9·4	3·6	11·4	17·5	6·2	3·0
62·0	56·6	64·5	65·9	60·9	55·4	17·6	8·4	21·4	28·5	14·4	8·3
66·0	61·6	68·5	68·8	65·0	60·5	23·3	13·3	26·6	34·7	19·9	13·0
70·6	68·0	72·7	72·0	69·7	65·6	23·4	12·8	25·6	35·3	20·7	13·7
75·4	73·6	76·2	76·3	75·3	72·3	19·5	12·7	21·3	28·5	16·3	12·4
79·8	78·3	80·2	80·9	79·8	77·1	3·4	1·5	4·2	5·7	2·1	1·3
79·1	77·9	79·7	80·2	78·7	76·5	2·9	1·1	4·0	4·7	1·7	1·3
77·3	75·2	78·6	78·5	77·0	74·2	4·6	1·7	6·1	8·5	2·3	1·8
68·3	64·3	71·1	70·3	67·3	63·4	10·0	3·0	13·4	20·9	5·2	2·6
60·7	55·7	63·5	64·5	59·2	54·5	8·1	2·6	11·9	17·2	4·4	2·2
52·1	45·1	55·3	57·3	50·5	43·6*	7·0	1·7	10·0	16·2	3·3	1·3
66·6	62·8	68·5	69·3	65·8	61·4	11·3	5·4	13·6	19·2	8·3	5·2

* Mean of 30 days.

TABLE X.—TEMPERATURE OF EVAPORATION IN 1888.

33. BENARES.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	51·5	45·0	53·1	56·5	11·5	7·0	1·9	7·7	11·8
February	55·9	49·6	57·4	60·7	11·1	10·2	3·1	11·9	17·9
March	61·9	55·8	64·2	65·7	9·9	17·2	6·9	20·2	28·3
April	66·3	61·3	68·3	69·3	8·0	22·1	12·0	25·4	33·6
May	70·9	67·3	73·2	72·2	4·9	21·4	11·2	23·1	33·4
June	74·7	72·9	75·2	76·0	3·1	18·7	9·6	20·9	26·9
July	79·2	77·0	79·9	80·8	3·8	3·7	1·9	4·3	5·7
August	78·7	76·6	79·6	79·8	3·2	3·4	1·5	3·7	5·0
September	77·6	74·7	78·5	79·5	4·8	4·7	1·9	5·9	7·9
October	68·6	64·2	70·5	71·0	6·8	9·6	2·2	13·3	17·9
November	61·2	55·0	63·4	65·3	10·3	8·3	1·9	11·8	15·1
December	52·0	44·2	54·8	57·1	12·9	8·0	1·5	10·5	16·0
Year	66·5	62·0	68·2	69·5	7·5	11·2	4·6	13·2	18·3

34. GHAZIPUR.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	52·3	45·1	55·2	56·6	11·5	7·3	3·7	7·7	10·4
February	55·7	48·8	59·0	59·4	10·6	11·4	5·7	11·5	16·9
March	62·8	55·3	66·7	66·5	11·2	17·6	9·3	18·5	24·9
April	68·7	62·7	71·6	71·7	9·0	17·9	10·9	21·2	27·8
May	73·3	68·1	75·5	76·2	8·1	17·5	10·2	19·6	27·0
June	75·4	71·3	77·6	77·3	6·0	16·5	11·7	17·8	23·5
July	79·3	75·7	81·0	81·1	5·4	3·6	3·5	4·2	5·5
August	78·8	75·2	80·3	80·9	5·7	3·8	3·1	4·6	6·0
September	77·6	73·5	79·9	79·3	5·8	4·6	3·9	5·6	7·6
October	69·4	64·4*	73·0*	70·8*	6·4	8·7	5·0	12·8	16·0
November	61·8	54·9	65·1	65·5	10·6	7·6	4·9	12·2	13·5
December	53·0	44·7	57·6	56·7	12·0	6·7	4·0	10·6	14·0
Year	67·3	61·6	70·2	70·2	8·5	10·3	6·3	12·2	16·1

* Mean of 30 days.

35. KATMANDU.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours
January	43·5	32·8	44·5*	53·3	20·5	3·5	1·2	4·3	6·6
February	46·4	35·4	49·4	54·5	19·1	4·8	1·3	9·9	11·2
March	55·0	46·2	57·7	61·1	14·9	5·2	1·3	10·8	11·7
April	57·4	50·0	59·5	62·7	12·7	7·4	1·5	10·8	15·4
May	61·9	55·5	64·1	66·0	10·5	6·5	1·4	10·4	13·8
June	66·7	62·1	68·7	69·3	7·2	6·2	1·3	11·9	13·1
July	70·3	66·6	72·1	72·2	5·6	3·1	1·0	7·3	7·0
August	69·9	66·2	71·7	71·7	5·5	3·6	1·1	8·5	8·0
September	67·4	62·9	68·8	70·6	7·7	3·8	1·1	8·8	7·8
October	59·9	51·6	62·8	65·2	13·6	4·6	1·2	10·3	11·0
November	50·8	41·1	55·1	56·3	15·2	3·1	1·3	13·2	9·0
December	44·8	32·6	46·3	55·5	22·9	3·6	1·2	6·0	7·5
Year	57·8	50·3	60·1	63·2	13·0	4·6	1·2	9·3	10·2

36. SIBSAGAR.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	56·0	49·1	58·1	60·9	11·8	3·3	0·4	1·2	6·3
February	59·1	53·8	60·4	63·2	9·4	4·0	0·6	2·3	7·5
March	65·8	61·1	67·0	69·3	8·2	4·3	0·7	3·4	7·9
April	69·7	66·1	70·3	72·6	6·5	3·6	0·7	3·3	6·6
May	73·8	70·4	74·4	76·5	6·1	4·0	1·0	3·5	6·5
June	78·7	75·6	79·6	80·8	5·2	4·2	1·1	3·5	6·0
July	79·6	77·0	80·1	81·7	4·7	3·9	1·1	2·3	7·0
August	79·9	77·2	80·4	82·0	4·8	3·9	1·2	2·7	7·2
September	78·4	75·4	79·1	80·8	5·4	4·0	1·0	3·1	6·7
October	73·7	69·3	75·0	76·8	7·5	3·6	0·6	3·8	6·5
November	64·8	58·4	67·0	69·0	10·6	3·2	0·3	2·4	6·8
December	56·9	48·7	59·6	62·5	13·8	4·2	0·2	2·3	7·6
Year	69·7	65·2	70·9	73·0	7·8	3·9	0·7	2·8	6·9

* Mean of 30 days.

37. TEZPUR.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	57·3	49·1	62·4	60·3	11·2	1·3	0·6	3·6	5·7
February	60·4	52·4	64·1	64·6	12·2	1·5	0·6	4·7	5·4
March	67·2	60·4	70·2	70·9	10·5	2·4	0·8	5·8	6·3
April	69·9	64·6	71·8	73·3	8·7	2·9	0·4	5·7	5·1
May	72·8	67·3	74·7	76·5	9·2	2·7	0·8	6·1	6·4
June	76·2	72·1*	77·7	78·7	6·6	2·4	0·5	4·6	4·9
July	78·4	74·5	79·7	81·1	6·6	2·4	0·5	4·3	4·3
August	78·5	73·1	80·7	81·7	8·6	1·8	0·6	4·1	4·0
September	75·5	72·7	76·2	77·7	5·0	4·5	0·6	7·6	7·8
October	72·8	67·2	75·4	75·7	8·5	2·9	0·3	7·1	7·4
November	?	Rejected.	70·1	69·6	?	?	?	5·7	6·8
December	57·3	47·8	62·7	61·5	13·7	5·0	0·6	6·3	8·9
Year	?	?	72·1	72·6	?	?	?	5·5	6·1

* Mean of 29 days.

38. DHUBRI.

Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
56·9	52·1	57·7	61·0	8·9	5·7	0·7	4·5	11·3
58·5	54·1	59·6	61·8	7·7	8·3	1·9	7·2	15·7
67·1	63·1	68·6	69·7	6·6	7·8	2·6	7·4	14·4
69·5	66·4	70·9	71·1	4·7	8·6	3·8	7·7	14·8
74·2	70·5	74·9	77·1†	6·6	4·1	1·7	4·3	7·2
76·8	73·7	77·7	79·0	5·3	2·9	1·2	3·3	5·4
78·5	76·6	79·2	79·7	3·1	2·5	1·1	3·1	4·5
78·2	76·3	78·9	79·3	3·0	2·9	1·5	3·8	5·1
77·8	75·9	78·8	78·8	2·9	3·3	1·4	3·5	6·0
73·4	70·8	74·4	75·1	4·3	5·1	1·6	6·0	9·5
66·2	62·0	67·4	69·3	7·3	4·4	0·8	4·4	9·1
59·7	54·1	60·5	64·4	10·3	4·4	0·6	4·1	9·1
69·7	66·3	70·7	72·2	5·9	5·0	1·6	4·9	9·3

† Mean of 30 days.

39. TURA.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	?	Not recorded.	56·8	58·4	?	?	Not recorded.	6·8	9·4
February	?		58·0	59·5	?	?		9·6	13·5
March	?		66·4*	66·3*	?	?		9·6	12·0
April	?		72·0	72·5	?	?		11·6	14·6
May	?		74·3	74·6	?	?		Dry bulb not recorded.	
June	?		76·9	77·0	?	?			
July	?		77·0	77·1	?	?			
August	?		76·5	76·8	?	?		3·8	4·2
September	?		76·2	76·9	?	?		3·7	4·1
October	?		73·5	74·0	?	?		5·8	5·8
November	?		66·6	67·2	?	?		6·7	7·7
December	?		61·1	61·5	?	?		8·2	7·9
Year	?		69·6	70·2	?	?		?	?

* Mean of 25 days.

40. SILCHAR.

Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
57·8	50·0	61·1	62·2	12·2	5·4	0·9	4·6	12·2
60·7	54·7	63·2	64·1	9·4	6·3	1·0	5·6	14·0
67·9	62·9†	69·7	71·2	8·3	6·2	1·3	6·6	11·8
71·1	66·3	73·1	74·0	7·7	3·8	1·1	4·9	6·2
74·5	70·7	75·8	77·0	6·3	4·5	1·4	4·7	7·9
77·0	73·9	77·6	79·6	5·7	3·4	1·2	3·3	5·8
78·8	76·2	79·9	80·2	4·0	4·1	1·2	5·3	6·3
78·6	75·9	79·7	80·2	4·3	3·8	1·2	4·4	6·1
78·3	75·2	79·4	80·4	5·2	4·3	1·1	4·9	7·2
74·6	70·0	76·8	77·0	7·0	6·1	1·4	6·6	11·4
68·0	61·9	70·3	71·9	10·0	5·3	1·1	6·5	9·9
60·6	53·6	63·1	65·0	11·4	6·3	0·7	6·2	13·5
70·7	65·9	72·5	73·6	7·6	5·0	1·1	5·3	9·4

† Mean of 30 days.

TABLE X.—TEMPERATURE OF EVAPORATION IN 1888.

41. DARJEELING.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	35·7	31·7*	37·6*	37·9‖	6·2	2·0	1·8	2·3	2·0
February	38·3	33·5†	40·3	41·0‖	7·5	1·7	1·2	2·2	2·2
March	46·1	42·1	47·9	48·2†	6·1	3·7	3·0	4·0	4·8
April	48·9	41·9†	51·5*	53·4	11·5	2·0	7·2	4·7	4·2
May	53·8	49·0‡	55·9	56·6*	7·6	3·1	2·7	2·7	4·2
June	58·8	54·7†	60·1	61·6§	6·9	1·1	0·8	1·1	1·7
July	60·3	57·1*	61·8	62·0†	4·9	0·8	0·5	1·0	1·2
August	59·9	56·3§	61·8	61·7	5·4	1·1	0·4	1·4	1·3
September	58·0	54·2*	59·8	60·1†	5·9	1·5	1·1	1·7	2·0
October	52·6	47·6‡	54·9	55·4¶	7·8	2·1	1·8	2·6	2·1
November	44·6	39·2*	46·8*	47·9*	8·7	2·8	2·4	4·1	2·7
December	?	33·2†	40·2*	Imperfect.	?	?	3·4	5·8	?
Year	?	45·0	51·7	?	?	?	2·2	2·8	?

* Mean of 29 days.
† „ „ 28 „
‡ Mean of 3 days.
§ „ „ 26 „
‖ Mean of 27 days.
¶ „ „ 22 „

42. PEDONG.

Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
44·5	39·9	47·4	46·3	6·4	1·4	1·4	4·3	4·1
47·2	42·3	49·8	49·5	7·2	2·2	1·4	4·5	5·6
54·4	49·8	56·7	56·8‡	7·0	3·7	2·2	5·0	7·3
57·7	53·0*	60·0	60·1	7·1	4·1	2·8	6·2	7·7
61·8	56·9	64·3‡	64·2	7·3	3·0	2·1	4·5	6·4
66·4	62·7	67·9	68·7*	6·0	1·6	1·2	2·3	3·3
67·6	64·7	69·0	69·0	4·3	0·3	0·6	1·1	1·5
67·5	64·0‡	69·4	69·2	5·2	0·6	0·8	1·5	2·2
65·8	62·1	68·0	67·4	5·3	0·5	0·8	1·9	2·3
61·1	56·8‡	63·4	63·0†	6·2	1·2	1·1	3·8	3·7
52·7	47·9*	55·1	55·0*	7·1	1·5	1·1	4·8	4·3
47·2	42·0‡	49·7*	49·9‡	7·9	2·2	2·0	4·9	4·9
57·8	53·5	60·1	59·9*	6·4	1·9	1·5	3·7	4·4

43. PURNEAH.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	54·0	45·6	56·8	59·7	14·1	5·8	0·9	5·8	10·7
February	56·6	48·3	59·2	62·3	14·0	8·9	2·1	9·9	15·6
March	65·7	58·6	68·7	69·8	11·2	12·2	4·2	11·7	19·7
April	70·0	63·3*	72·1	74·6	11·3	12·9	5·7	13·6	19·4
May	76·0	70·1	78·0	80·0	9·9	6·7	1·8	6·7	11·4
June	?	Imperfect.	81·1	83·0	?	?	Rejected.	6·1	8·6
July	?	Rejected.	81·4	82·4	?	?	Rejected.	3·6	4·4
August	?	Rejected.	81·1†	81·8†	?	?	Rejected.	4·0	5·2
September	?	Rejected.	80·8	81·4	?	?	Rejected.	4·5	6·5
October	73·3	68·1†	75·9	75·8	?	6·1	0·8	7·3	12·0
November	?	Rejected.	67·2	68·2	?	?	Rejected.	6·9	12·2
December	?	Ditto.	59·0	62·4	?	?	Rejected.	6·3	11·8
Year	?	?	71·8	73·5	?	?	?	7·2	11·5

* Mean of 25 days.
† „ „ 30 „

44. DURBHUNGA.

Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
?	50·6	Imperfect.		?	?	1·6	?	?
56·8	53·0	57·8	59·7	6·7	7·8	2·3	7·6	14·0
65·9	62·3	67·3	68·1	5·8	10·5	3·9	10·3	17·8
71·4	67·9	72·0	74·4‡	6·5	12·0	6·0	12·2	17·6
76·2	73·9†	77·0	77·7	3·8	8·9	3·0	8·8	15·0
79·5	77·0	80·4	81·1	4·1	7·3	3·5	6·7	11·8
80·1	78·4	80·2	81·6	3·2	4·4	1·9	4·5	6·2
79·4	77·7	80·0	80·6	2·9	5·0	2·3	5·3	6·7
78·8	77·4	79·8	79·3	1·9	4·9	2·0	5·3	6·6
72·7	71·0	73·8	73·3	2·3	7·6	2·6	7·9	12·5
61·5	60·4	65·1	59·1	1·3	8·8	2·2	6·9	18·1
56·3	52·0	57·3	59·6	7·6	5·8	1·9	5·6	10·6
?	66·8	?	?	?	?	2·8	?	?

‡ Mean of 29 days.

45. PATNA.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	53·1	47·5	53·9	57·8	10·3	6·8	1·8	8·7	10·7
February	56·6	50·2	59·1	60·5	10·3	10·1	3·2	11·2	16·9
March	63·4	57·2	66·2	66·9	9·7	16·4	7·6	17·9	24·6
April	68·1	63·3	69·9	71·1	7·8	19·0	10·1	20·2	26·6
May	73·6	69·3	76·0	75·6	6·3	16·1	7·7	16·7	23·7
June	77·7	75·2	79·4	78·6	3·4	12·3	6·0	12·9	21·0
July	79·7	77·5	80·7	81·0	3·5	4·1	1·7	4·1	5·7
August	78·9	77·1	79·7	80·0	2·9	4·0	2·0	3·8	5·4
September	78·5	76·4	80·0	79·1	2·7	5·4	2·4	5·8	7·5
October	71·4	68·4	73·3	72·5	4·1	10·0	3·6	11·6	15·3
November	63·2	58·4	65·5	65·8	7·4	8·9	3·1	10·3	14·3
December	55·2	48·4	57·0	60·1	11·7	7·1	2·4	7·9	11·6
Year	68·3	64·1	70·1	70·8	6·7	10·0	4·3	10·9	15·3

46. GYA.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	52·9	47·9	53·7	57·1	9·2	8·6	2·9	10·6	13·0
February	58·0	52·8	59·4	61·9	9·1	11·5	4·1	12·4	18·6
March	67·3	60·5*	69·5	71·9	11·4	15·0	7·2	17·4	22·2
April	72·3	66·3	73·9	76·6	10·3	16·4	4·6	21·1	25·6
May	75·9	71·5	77·1	79·2	7·7	16·3	2·8	19·8	25·2
June	79·1	75·6	80·4	81·2	5·6	14·4	1·8	18·7	22·9
July	79·2	76·7*	79·7	81·1	4·4	5·3	1·5	6·8	8·0
August	78·5	76·6	78·8	80·1	3·5	4·7	1·1	5·6	7·3
September	78·8	75·6	78·2	79·5	3·9	5·9	1·2	6·8	9·5
October	71·2	68·1	71·2	72·9†	4·8	9·5	1·3	11·6	15·6
November	64·4	60·7	64·4	66·7‡	6·0	8·3	0·8	10·6	14·8
December	56·2	49·7	56·2	59·9*	10·2	7·4	1·0	9·9	12·9
Year	70·3	65·2	70·3	72·3	7·2	10·3	2·5*	12·6	16·3

* Mean of 30 days.
† " " 28 "
‡ Mean of 29 days.

47. HAZARIBAGH.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	49·9	45·1	51·6	53·6	8·5	7·6	4·0	9·2	11·6
February	53·3	48·1	55·5	57·2	9·1	11·5	6·4	14·2	17·9
March	58·5	53·5	60·6	61·2	7·7	19·6	12·3	23·0	27·7
April	62·2	58·3	63·9	64·7	6·4	24·1	15·1	29·0	31·7
May	67·6	63·9	69·2	68·5	4·6	21·0	12·4	23·5	30·6
June	70·5	68·1	71·6	71·3	3·2	18·7	11·7	21·9	24·7
July	74·7	72·2	75·0	75·7	3·5	2·6	1·3	3·4	4·7
August	74·1	71·8	74·3	75·2	3·4	2·4	0·8	2·9	4·0
September	72·8	70·1	73·9	73·6	3·5	4·3	1·5	5·4	6·9
October	65·3	61·8	66·8	67·3	5·5	10·0	4·7	13·1	14·2
November	59·7	55·2	61·8	62·5	7·3	8·4	4·3	11·2	12·1
December	49·9	44·1	52·5	53·6	9·5	9·4	4·9	11·0	14·7
Year	63·2	59·4	64·7	65·4	6·0	11·6	6·6	14·0	16·7

48. BERHAMPORE.

Month.	Mean.	Minimum	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	56·4	51·1	58·0	60·0	8·9	6·2	1·6	7·1	12·4
February	59·6	54·1	61·3	63·4	9·3	8·8	2·3	10·9	17·2
March	67·4	63·0	70·0	69·3	6·3	11·3	3·7	13·0	22·8
April	72·1	67·7	74·3	74·2	6·5	11·1	5·9	12·5	21·7
May	77·4	73·0	79·3	79·9	6·9	5·6	3·0	7·4	13·1
June	80·2	77·2	81·9	81·6	4·4	4·2	1·9	5·8	9·8
July	79·7	77·4	80·6	81·2	3·8	2·2	1·0	3·3	4·4
August	79·7	77·1	80·6	81·5	4·4	1·6	1·0	2·4	3·6
September	79·1	76·9	80·4	80·1	3·2	3·2	0·9	4·7	6·2
October	74·7	72·3	76·1	75·7	3·4	5·5	1·0	7·6	11·1
November	67·3	63·3	68·9	69·8	6·5	4·7	0·9	5·9	10·1
December	58·7	52·9	60·5	62·8	9·9	5·5	1·0	6·8	11·2
Year	71·0	67·2	72·7	73·3	6·1	5·8	2·0	7·3	12·0

49. BURDWAN.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	55·3	51·7	55·7	58·6	6·9	8·3	2·3	10·8	14·5
February	59·7	56·5	59·8	62·7	6·2	10·1	2·1	13·2	18·7
March	70·0	64·1	68·5	77·5	13·4	10·1	4·5	15·9	15·7
April	72·8	70·1	74·9	73·4	3·3	12·6	5·7	13·9	25·2
May	76·8	73·7*	77·9*	78·8*	5·1	8·4	4·2	11·2	16·9
June	79·0	77·0	80·2	79·9	2·9	8·0	3·6	10·7	15·6
July	79·0	77·8	79·6	79·6	1·8	2·9	0·5	5·0	5·9
August	78·4	77·6	78·6	79·1	1·5	2·7	1·1	4·2	5·2
September	78·0	76·7	78·5	78·9	2·2	4·3	1·8	5·8	7·7
October	73·4	71·2	74·6	74·4	3·2	6·4	1·8	9·2	12·3
November	66·7	63·4†	67·8†	68·9†	5·5	6·1	1·6	8·0	11·5
December	56·6	51·6	57·6	60·6	9·0	8·1	2·6	10·1	14·4
Year	70·5	67·6	71·1	72·7	5·1	7·3	2·7	9·8	13·6

* Mean of 28 days.
† " " 29 "

50. JESSORE.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	57·3	50·5	60·0	61·5	11·0	6·1	1·9	7·8	11·3
February	61·2	54·6	63·8	65·3	10·7	7·6	2·0	9·4	15·2
March	70·5	65·1	74·0	72·3	7·2	9·2	4·0	9·4	19·3
April	76·1	72·0	79·1	77·2‡	5·2	7·7	3·8	8·5	16·6
May	79·1	75·1	81·3	80·9	5·8	5·3	2·7	7·8	11·5
June	81·2	77·6	83·5	82·5	4·9	3·8	2·3	6·7	7·4
July	80·2	78·2	81·3	81·0	2·8	2·1	1·0	3·4	4·0
August	79·7	77·8	80·7	80·6	2·8	2·0	1·2	3·2	3·8
September	79·8	77·5	81·3	80·7	3·2	3·0	1·4	4·7	5·1
October	75·3	71·9	77·1	76·9	5·0	5·1	1·9	7·4	9·7
November	68·0	63·3§	70·2§	70·4‖	7·1	5·1	2·0	7·0	9·0
December	59·2	52·1	62·5	63·0	10·9	5·8	2·0	7·5	10·5
Year	72·3	68·0	74·6	74·4	6·4	5·2	2·2	6·9	10·3

‡ Mean of 29 days.
§ " " 27 "
‖ Mean of 25 days.

51. DACCA.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	58·5	53·1	60·3	62·2†	9·1	6·6	0·7	7·7	11·8
February	61·6	56·6	63·5	64·8	8·2	8·5	0·7	10·0	14·6
March	71·3	68·2	73·1	72·6	4·4	7·4	1·0	8·4	13·9
April	76·0	72·8	77·8	77·4	4·6	5·6	1·3	6·3	9·7
May	78·2	75·0	80·0	81·1	6·1	4·5	1·1	5·6	6·9
June	80·4	78·4	81·5	81·4	3·0	3·9	0·8	4·7	5·4
July	79·7	78·4	80·3	80·4	2·0	3·0	0·5	3·2	4·3
August	79·3	78·2	79·7	79·9	1·7	3·3	0·6	3·5	4·4
September	79·5	78·0	80·1	80·4	2·4	4·1	0·5	4·7	6·0
October	75·5	73·5*	76·5	76·4	2·9	6·5	0	8·2	9·7
November	68·7	63·3	71·2	71·5	8·2	5·6	1·3	6·9	8·8
December	61·3	54·6	64·0	65·4	10·8	6·8	1·5	7·5	10·6
Year	72·5	69·2	74·0	74·5	5·3	5·5	0·8	6·4	8·8

* Mean of 28 days.
† " " 30 "

52. CHITTÀGONG.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	60·4	53·8	62·9	64·5	10·7	6·1	1·3	5·7	9·8
February	63·7	57·9	66·4	66·7	8·8	6·0	1·2	5·9	9·8
March	71·7	66·9	73·6	74·5	7·6	5·3	1·4	6·7	7·8
April	75·4	71·7	77·2	77·2	5·5	4·6	1·2	6·5	6·0
May	77·5	74·0	79·0	79·5	5·5	4·7	1·8	6·0	5·9
June	78·7	75·1	80·0	81·0	5·9	3·6	2·1	4·3	3·8
July	77·4	75·3	78·1	78·9	3·6	2·6	0·9	2·6	3·5
August	77·2	74·7	78·1	78·7	4·0	2·6	1·2	3·3	3·1
September	78·3	75·4	79·6	79·9‡	4·5	3·2	1·1	4·0	4·3
October	75·9	72·0	77·7	78·0	6·0	4·0	1·0	5·2	6·0
November	70·2	65·7	72·4	72·4	6·7	4·9	1·1	5·6	7·5
December	62·2	56·0	65·1	65·4	9·4	5·8	1·3	6·2	8·9
Year	72·4	68·2	74·2	74·7	6·5	4·5	1·3	5·2	6·4

‡ Mean of 29 days.

53 A. Calcutta (Chowringhee.)

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	58·4	52·8	59·0	61·7	8·9	6·2	1·9	8·7	12·1
February	63·5	58·0	64·5	66·3	8·3	7·7	2·1	10·3	15·4
March	73·0	68·8	74·5	73·7	4·9	8·0	1·9	10·1	18·6
April	77·8	73·4	79·7	79·6	6·2	6·9	2·7	9·8	14·6
May	80·0	75·5	81·7	82·3	6·8	5·6	2·7	8·3	12·1
June	81·2	77·0*	82·4*	82·9†	5·9	5·4	3·2	8·4	11·2
July	80·3	77·8	81·2	81·6	3·8	2·2	1·0	2·9	4·4
August	79·4	77·3	80·3	80·6	3·3	2·0	1·0	3·5	4·0
September	79·4	77·2	80·4	80·1	2·9	3·3	1·1	5·2	6·3
October	75·6	72·4	76·2	76·2	3·8	4·7	0·9	8·7	9·8
November	68·5	64·9	69·7	70·0	5·1	5·1	1·2	7·9	9·9
December	59·4	53·5	61·4	62·0*	8·5	5·8	1·3	8·0	12·1
Year	73·0	69·1	74·3	74·8	5·7	5·2	1·8	7·7	10·9

* Mean of 27 days.
† „ „ 28 „

53 B. Calcutta (Alipore).

Month.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Minima.	Difference, Dry and Wet Bulb. Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Minima.
January	57·1	53·3	57·5	59·9	56·1	52·8	6·3	2·4	8·8	12·7	2·8	2·3
February	62·7	59·2	62·5	63·6	62·2	57·7	7·0	1·9	10·5	16·5	3·9	2·1
March	72·4	70·2	72·9	71·3	72·1	67·4	7·7	1·2	10·1	18·6	4·1	2·9
April	78·0	75·6	77·8	77·3	76·1	72·2	7·0	2·2	10·0	14·4	3·9	3·8
May	79·9	77·0	79·5	79·7	77·3	74·3	6·4	2·6	8·6	12·2	4·5	3·4
June	81·5	79·0	80·8	81·0	79·1	76·4	6·6	2·7	8·9	12·1	4·0	3·5
July	79·9	77·8	79·5	80·0	78·4	76·6	3·2	1·4	4·3	4·7	2·1	1·7
August	79·4	77·9	79·0	79·3	78·8	76·3	2·9	1·2	3·6	4·0	1·6	1·5
September	79·5	78·1	79·0	78·7	78·8	76·7	3·4	1·1	5·0	6·3	2·0	1·1
October	75·0	73·1	74·9	74·7	74·1	71·8	4·6	1·0	8·2	10·2	2·1	1·1
November	68·3	65·5	68·6	69·1	67·5	64·4	4·8	1·5	7·2	10·0	2·5	1·1
December	58·3	54·2	59·7	60·6	57·2	53·2	5·8	2·0	8·0	13·4	2·1	1·4
Year	72·7	70·1	72·6	72·9	71·5	68·3	5·5	1·8	7·8	11·3	3·0	2·2

54. Saugor Island.

Month.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Minima.	Difference, Dry and Wet Bulb. Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Minima.
January	59·8	57·6	60·6	62·6	58·3	55·3	5·5	2·3	7·1	9·3	3·2	2·6
February	67·1	65·6	67·0	68·9	67·0	62·2	5·1	1·7	6·8	9·2	2·4	2·9
March	76·1	74·6	76·7	77·5	75·4	73·2	4·1	2·7	5·1	6·1	2·8	3·0
April	79·6	78·3	80·6	81·0	78·6	77·3	4·5	3·0	5·8	5·6	3·5	3·1
May	81·0	79·6	82·3	82·4	79·6	*78·0	5·3	4·0	6·4	6·9	3·8	3·9
June	82·7	81·5	83·4	84·2	81·7	79·4	4·9	3·4	6·1	6·4	3·9	4·0
July	80·5	79·6	80·8	81·5	79·9	78·5	3·3	2·3	3·9	4·6	2·6	2·4
August	80·0	79·2	80·2	80·6	79·8	78·2	2·5	1·7	2·9	3·7	2·0	1·7
September	79·7	78·4	80·9	80·3	79·3	77·6	3·8	2·4	4·3	5·6	2·6	2·4
October	75·2	73·2	77·2	76·3	74·2	72·1	5·2	2·9	6·2	8·6	3·0	2·8
November	69·6	67·2	71·3	71·3	68·4	65·9	4·7	2·1	6·0	8·1	2·9	2·4
December	60·3	57·1	63·1	63·5	57·5	*54·5	5·0	2·2	5·7	9·1	3·1	2·4
Year	74·3	72·7	75·3	75·8	73·3	71·0	4·5	2·6	5·5	6·9	3·0	2·8

* Mean of 30 days.

55. Cuttack.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	63·1	58·2	64·1	67·1	8·9	8·2	2·1	9·4	13·6
February	68·9	65·3	70·0	71·4	6·1	9·0	1·9	9·5	16·9
March	73·4	70·2	75·5	74·4	4·2	11·6	2·9	11·6	21·9
April	78·8	75·9	80·3	80·3	4·4	11·2	3·6	12·5	18·9
May	79·6	77·0	80·7	81·2*	4·2	12·4	4·4	14·1	20·1
June	79·2	77·1	80·2	80·2	3·1	12·6	5·5	13·7	20·0
July	78·3	76·8	78·8	79·4	2·6	6·0	2·4	7·8	8·3
August	78·1	76·2	78·7	79·5*	3·3	4·6	1·9*	5·7	6·1
September	78·3	76·3	78·9	79·7†	3·4	6·2	2·1	7·1	9·5
October	73·5	71·3	74·3	74·8	3·5	9·0	2·3	10·9	14·5
November	69·2	65·7	70·5	71·3	5·6	7·0	2·3	8·1	11·3
December	59·6	54·5	60·6	63·6	9·1	9·3	2·4	10·8	16·2
Year	73·3	70·4	74·4	75·2	4·9	8·9	2·8	10·1	14·8

† Mean of 29 days.

56. FALSE POINT.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	63·9	57·1	67·1	67·5	10·4	1·9	0·4	5·5	6·6
February	68·9	64·8	70·6	71·2*	6·4	3·9	1·0	7·4	8·5
March	75·7	72·1	77·3	77·7	5·6	2·8	1·2	6·6	6·0
April	79·3	77·3	80·3	80·2	2·9	2·6	1·5	5·3	4·7
May	80·4	78·3	81·4	81·5	3·2	4·1	2·6	6·7	6·5
June	80·8	77·9	82·3	82·1	4·2	3·8	3·1	7·1	6·0
July	78·7	76·9	79·6	79·5	2·6	2·5	1·6	5·3	4·4
August	78·4	76·2	79·4	79·5	3·3	2·2	1·4	4·1	4·0
September	78·7	76·5	79·9	79·8	3·3	3·7	1·4	6·0	7·0
October	74·7	71·7	76·3	76·1	4·4	4·3	0·7	8·6	9·5
November	70·9	66·6	73·3	72·7	6·1	2·7	0·6	5·9	7·3
December	61·8	54·5	64·8	66·1	11·6	3·0	0·5	7·3	8·5
Year	74·4	70·8	76·0	76·2	5·3	3·1	1·3	6·3	6·6

* Mean of 28 days.

57. SAMBALPUR.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	57·5	54·6	55·2†	62·6†	8·0	8·8	1·7	11·6	13·6
February	?.	59·5	Imperfect.		?	?	2·6	?	?
March	66·4	61·5	68·0	69·6	8·1	15·1	5·7	18·6	26·2
April	69·9	65·9	71·8	72·0	6·1	21·0	10·7	26·2	33·1
May	74·1	72·0	74·9	75·4	3·4	20·0	10·2	24·0	30·5
June	77·7	75·9	78·1	79·2	3·3	13·9	6·6	14·9	21·5
July	77·1	75·2	77·8	78·3	3·1	4·1	2·7	4·8	6·2
August	76·9	74·6	77·6	78·6	4·0	3·3	2·1	3·5	5·0
September	77·7	75·0	78·7	79·3	4·3	4·6	2·3	6·1	7·9
October	71·1	67·2	73·1	74·1	6·9	7·8	2·0	10·0	14·5
November	67·3	62·8	69·1	70·0	7·2	6·3	1·7	8·7	12·6
December	56·6	49·2	59·3	61·2	12·0	8·0	2·0	9·3	16·7
Year	70·2	66·1	71·2	72·8	5·4	10·3	4·2	12·5	17·1

† Mean of 24 days.

58. RAIPUR.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	57·4	52·7	58·8	60·6	7·9	8·2	2·8	9·9	15·0
February	61·2	56·1	62·8	64·7	8·6	13·0	6·2	15·9	21·4
March	63·1	58·2	64·7	66·3	8·1	20·2	12·0	24·5	30·1
April	66·3	61·3	68·9	68·6	7·3	25·6	18·6	29·6	35·3
May	68·3	64·6	70·3	70·1	5·5	25·2	18·1	28·7	34·2
June	74·2	71·3	76·0	75·3	4·0	14·2	7·9	15·9	22·2
July	75·1	72·7	76·1	76·6	3·9	3·8	1·9	4·7	6·5
August	74·8	72·8	75·7	76·0	3·2	3·7	1·7	4·7	6·4
September	74·3	72·5	75·5	74·8	2·3	6·4	2·4	8·3	11·6
October	66·9	63·9	69·1	67·8	3·9	11·5	4·4	14·8	20·7
November	64·2	60·1	66·0	66·4	6·3	8·7	2·9	11·2	16·3
December	53·3	47·5*	55·3	57·2	9·7	11·6	4·8	15·1	20·2
Year	66·6	62·8	68·2	68·7	5·9	12·7	7·0	15·3	20·0

* Mean of 30 days.

59. NAGPUR.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	58·4	52·6	59·7	62·8	10·2	8·1	3·0	9·3	14·5
February	61·9	55·9	63·4	66·4	10·5	12·0	5·5	13·9	20·0
March	64·7	57·6	67·1	69·4	11·8	18·0	11·3	21·8	27·1
April	67·4	61·0	69·4	71·9	10·9	23·6	16·1	28·4	33·0
May	68·5	62·5	71·4	71·5	9·0	24·4	17·5	27·5	34·3
June	75·8	72·1	78·1	77·1	5·0	9·4	6·2	11·9	15·0
July	75·2	72·1	76·3	77·1	5·0	4·5	2·8	5·1	7·3
August	74·8	72·0	75·7	76·7	4·7	4·7	2·6	5·4	7·7
September	73·9	70·6	76·0	75·1	4·5	6·5	2·9	8·7	12·2
October	67·2	61·9	70·4	69·3	7·4	11·3	6·1	15·3	19·7
November	65·1	59·6	67·4	68·4	8·8	7·9	4·0	10·3	14·0
December	54·8	47·0	57·1	60·4	13·4	11·3	5·5	14·4	19·3
Year	67·3	62·1	69·3	70·5	8·4	11·8	7·0	14·3	18·7

60. SEONI.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	54·2	48·4	55·3	58·9	10·5	7·2	2·4	10·5	13·0
February	58·5	52·8	60·4	62·2	9·4	10·4	4·0	14·1	18·7
March	60·7	55·8	62·5	63·9	8·1	17·2	8·8	23·4	27·2
April	63·4	57·9	65·5	66·8	8·9	23·1	15·0	29·5	33·3
May	64·7	59·2*	67·2*	67·8*	8·6	23·4	17·1	28·5	32·0
June	72·2	69·3	74·3	73·0	3·7	11·3	6·9	15·2	17·7
July	72·9	70·3	74·1	74·4	4·1	3·3	1·9	5·1	5·7
August	72·1	69·2	73·3	73·7	4·5	2·6	1·3	3·9	5·2
September	71·2	67·8	72·9	72·8	5·0	5·1	1·9	8·5	10·1
October	65·1	59·1	67·6	68·5	9·4	9·4	4·9	15·8	16·4
November	62·4	55·6	65·3	66·4	10·8	6·0	2·3	10·4	12·5
December	52·6	44·9	55·2	57·8	12·9	8·9	2·3	14·2	18·0
Year	64·2	59·2	66·1	67·2	8·0	10·7	5·7	14·9	17·5

* Mean of 30 days.

61. JUBBULPORE.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	54·2	48·2	55·2	59·2	11·0	5·8	1·4	7·1	11·2
February	58·5	52·6	59·1	63·7	11·1	8·5	2·3	11·2	15·4
March	61·5	55·5	63·4	65·6	10·1	15·3	5·6	19·4	26·9
April	64·4	59·4	65·9	67·8	8·4	22·0	12·3	28·2	33·3
May	68·2	65·9	69·2	69·6	3·7	22·2	12·3	27·2	33·0
June	73·8	72·0	75·4	74·1	2·1	14·2	8·0	17·0	21·8
July	74·7	72·6	75·5	75·9	3·3	3·7	1·7	4·4	6·6
August	73·9	72·0	74·5	75·1	3·1	3·1	1·0	3·2	5·9
September	73·3	70·7	74·5	74·8	4·1	5·5	1·2	7·2	10·8
October	65·0	60·3	67·5	67·3	7·0	9·2	1·8	13·2	18·9
November	59·7	53·0†	62·0‡	64·1‡	11·1	7·9	2·1	11·7	15·9
December	50·3	41·1	53·3	56·6	15·5	8·4	1·8	11·6	17·8
Year	64·8	60·3	66·3	67·8	7·5	10·5	4·3	13·5	18·1

† Mean of 26 days.
‡ „ „ 27 „

62. SAUGOR.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	51·7	45·5	53·1	56·6	11·1	8·1	3·9	9·7	13·6
February	56·3	50·8	57·3	60·7	9·9	10·7	5·1	12·5	17·4
March	60·5	55·4	62·6	63·6	8·2	18·0	10·3	22·1	27·7
April	63·0	58·6	64·3	66·0	7·4	24·0	15·5	29·4	33·8
May	65·7	61·2	68·1	67·9	6·7	24·9	17·7	28·6	34·3
June	72·9	69·8	74·8	74·1	4·3	14·9	8·6	17·5	23·0
July	74·5	72·4	75·1	76·1	3·7	3·6	1·6	4·0	6·0
August	73·4	71·2	73·9	75·1	3·9	1·9	0·7	2·0	3·5
September	73·4	69·5	75·6	75·2	5·7	3·6	1·1	5·0	8·2
October	64·7	59·3	67·7	67·1	7·8	10·2	5·2	14·6	18·2
November	57·8	52·3	60·0	61·2	8·9	10·5	5·1	14·6	17·9
December	51·2	44·1	53·7	55·7	11·6	11·0	5·5	15·8	19·1
Year	63·8	59·2	65·5	66·6	7·4	11·8	6·7	14·7	18·6

63. PACHMARHI.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	50·6	44·0	53·0	54·9	10·9	4·9	2·9	8·8	9·1
February	54·3	48·3	56·4	58·3	10·0	7·6	3·6	12·7	13·6
March	56·6	52·3	58·3	59·3	7·0	15·0	8·7	20·6	22·8
April	58·8	55·1	60·1	61·2	6·1	22·0	15·8	25·1	29·4
May	62·0	58·8	63·1	64·0	5·2	20·7	15·4	23·3	27·1
June	68·5	65·4	70·0	70·1	4·7	10·2	7·5	10·0	14·4
July	67·7	65·5	68·5	69·0	3·5	2·5	2·3	2·3	3·5
August	66·8	64·8	67·3	68·2	3·4	1·9	1·9	1·7	2·5
September	66·5	63·0	68·1	68·3	5·3	4·4	2·9	5·5	7·5
October	?	Imperfect.	61·6	62·3	?	?	?	14·3	14·8
November	56·1	49·5	58·7	60·1	10·6	6·1	3·7	10·5	11·0
December	46·9	39·0	50·4	51·3	12·3	8·2	4·0	15·0	15·9
Year	59·5	55·1	61·3	62·3	7·2	9·4	6·3	12·5	14·3

TABLE X.—TEMPERATURE OF EVAPORATION IN 1888.

64. HOSHANGABAD.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb.			
						Mean.	Minimum.	10 hours.	16 hours.
January	55·9	49·9	56·9	60·8	10·9	7·0	2·3	6·9	12·8
February	60·4	54·8	60·9	65·5	10·7	10·1	3·4	11·3	17·3
March	63·1	57·8	64·6	67·0	9·2	17·0	7·6	20·5	27·8
April	64·7	60·0	66·4	67·7	7·7	23·4	13·5	28·0	35·0
May	70·0	64·2	72·4	73·3	9·1	21·6	14·3	24·3	31·4
June	75·9	73·7	77·4	76·7	3·0	12·3	6·2	12·2	19·7
July	75·1	73·4	75·6	76·2	2·8	3·7	1·7	4·2	6·3
August	74·3	72·6	74·5	75·8	3·2	2·8	1·2	2·9	4·6
September	74·1	71·2	75·2	75·8	4·6	5·5	1·8	7·0	10·3
October	67·6	63·0	69·7	70·2	7·2	10·2	3·4	13·1	19·0
November	61·3	55·3	63·2	65·5	10·2	9·7	4·6	12·8	16·5
December	52·8	44·5	54·8	59·1	14·6	10·6	5·0	12·3	18·2
Year	66·3	61·7	67·6	69·5	7·8	11·2	5·4	13·0	18·2

65. KHANDWA.

Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb.			
					Mean.	Minimum.	10 hours.	16 hours.
57·3	50·6	59·6	61·7	11·1	7·6	2·2	10·8	15·3
60·9	54·1	63·1	65·5	11·4	11·6	4·5	14·7	20·9
63·0	55·6	65·7	67·8	12·2	17·8	10·5	22·0	27·6
67·1	59·8	69·8	71·8	12·0	21·5	15·4	24·3	30·2
67·5	62·7	70·2	69·5	6·8	18·7	16·3	24·4	23·9
75·6	73·1	77·0	76·6	3·5	12·4	7·0	13·8	19·3
74·6	72·5	75·0	76·3	3·8	4·9	2·5	5·8	7·7
73·4	71·2	73·7	75·2	4·0	4·5	2·0	5·8	7·3
73·1	69·8	74·6	74·8	5·0	7·1	2·8	8·7	13·0
66·6	60·7	69·9	69·3	8·6	10·9	4·2	16·2	20·7
62·4	54·9	65·6	66·8	11·9	16·1	4·7	14·6	18·6
53·3	43·0	57·2	59·7	16·7	11·4	4·7	16·5	22·0
66·2	60·7	68·5	69·6	8·9	11·5	6·4	14·8	18·9

66. CHANDA.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb.			
						Mean.	Minimum.	10 hours.	16 hours.
January	60·4	54·6	62·3	64·3	9·7	7·2	1·4	10·3	14·8
February	63·8	58·0	66·0	67·4	9·4	11·4	2·8	15·8	22·2
March	65·4	60·5	67·1	68·6	8·1	17·8	7·2	22·8	30·0
April	68·7	64·5	70·4	71·1	6·6	23·6	13·8	27·5	35·2
May	70·1	65·8	72·3	72·2	6·4	23·5	14·8	25·0	34·4
June	75·7	73·1	76·9	77·1	4·0	11·5	6·1	13·2	18·1
July	74·6	72·9	75·0	75·8	2·9	4·9	2·2	6·7	8·0
August	74·4	72·9	74·8	75·6	2·7	5·4	2·0	6·7	9·1
September	75·3	72·3	76·2	77·3	5·0	5·3	1·4	8·0	10·2
October	69·2	63·6	71·6	72·5	8·9	8·3	1·9	12·4	17·0
November	66·8	61·7	68·8	70·0	8·3	6·1	1·1	8·4	13·0
December	56·5	48·0	59·3	62·2	14·2	8·4	1·2	11·6	18·3
Year	68·4	64·0	70·1	71·2	7·2	11·1	4·7	14·0	19·2

67. SIRONCHA.

Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb.			
					Mean.	Minimum.	10 hours.	16 hours.
63·5	57·8	65·4	67·2	9·4	6·8	2·3	6·6	13·2
66·1	61·4	67·6	69·4	8·0	12·1	4·2	11·6	21·4
68·9	65·1	70·7	71·0	5·9	17·0	7·9	15·3	27·7
73·0	69·6	75·2	74·3	4·7	20·4	11·9	16·2	30·9
74·1	70·9	75·4	75·9	5·0	18·8	11·5	16·9	27·4
77·4	75·3	78·0	79·0	3·7	12·2	7·1	11·6	17·7
76·0	74·0	76·1	78·0	4·0	4·1	2·1	4·3	6·0
76·3	74·3	76·6	78·0	3·7	4·2	2·2	5·0	6·4
76·8	74·3	78·0	78·1	3·8	5·2	2·0	5·9	9·5
70·9	67·1*	73·1	72·6	5·5	9·2	3·0	9·8	17·4
70·0	66·2	71·2	72·6	6·4	5·7	1·9	5·2	10·7
60·8	53·8	63·1	65·5	11·7	7·2	2·1	8·6	14·5
71·2	67·5	72·5	73·5	6·0	10·2	4·9	9·7	16·9

* Mean of 30 days.

68. CHIKALDA.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	53·2	49·0	54·2	56·3	7·3	6·8	4·7	8·4	9·9
February	55·7	51·8	56·9	58·4	6·6	11·1	7·6	12·3	15·7
March	57·9	54·2	58·6	60·8	6·6	17·5	13·3	19·1	22·5
April	59·7	55·9	60·6	62·5	6·6	21·9	17·0	22·8	27·8
May	61·6	58·0	63·6	63·1	5·1	20·4	14·9	20·1	28·0
June	69·4	66·0	70·9	71·4	5·4	6·9	3·4	5·8	11·8
July	67·3	65·2	67·3	69·3	4·1	1·2	0·5	0·8	1·9
August	66·5	64·4	66·5	68·5	4·1	1·0	0·3	0·9	1·8
September	67·1	63·7	68·5	69·0	5·3	2·8	1·6	3·6	5·5
October	61·3	57·4	63·1	63·4	6·0	9·3	7·6	12·6	12·8
November	59·5	55·2	61·1	62·1	6·9	6·6	5·0	9·1	9·8
December	52·4	47·3	54·1	55·7	8·4	10·5	7·9	13·1	14·9
Year	61·0	57·3	62·1	63·4	6·0	9·7	7·0	10·7	13·5

69. BULDANA.

Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
57·1	52·1	59·3	60·0	7·9	8·5	4·9	11·3	14·1
58·8	54·1	60·8	61·6	7·5	13·6	8·1	15·6	21·0
60·8	56·3	62·4	63·6	7·3	20·1	14·5	23·1	27·3
62·9	58·6	64·5	65·7	7·1	24·8	18·8	26·9	32·3
64·8	61·1	67·4	65·9	4·8	22·8	15·5	23·1	32·7
72·2	69·3	74·1	73·3	4·0	9·3	4·5	10·7	15·8
71·1	68·5	72·2	72·7	4·2	4·2	2·2	5·5	7·1
70·5	67·3	71·6	72·5	5·2	3·2	1·8	4·7	5·8
70·0	67·1	71·8	71·0	3·9	6·4	3·0	7·2	11·7
64·1	59·9	66·7	65·8	5·9	11·7	7·6	15·9	18·3
63·0	58·8	65·2	65·1	6·3	9·1	4·9	12·7	15·3
54·9	49·1	57·6	58·1	9·0	12·9	8·1	17·3	20·2
64·2	60·2	66·1	66·3	6·1	12·2	7·8	14·5	18·5

70. AKOLA.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	58·7	52·2	60·4	63·5	11·3	7·8	2·0	9·7	15·3
February	61·4	54·6	63·2	66·3	11·7	12·3	4·1	14·7	22·4
March	63·8	57·3	65·9	68·3	11·0	17·2	7·9	21·3	28·5
April	66·0	59·7	68·0	70·3	10·6	24·0	15·1	28·2	34·9
May	68·2	63·5	70·8	70·3	6·8	23·8	15·1	25·7	35·1
June	75·6	73·0	77·0	76·7	3·7	12·1	4·9	12·7	20·7
July	74·7	72·3	75·3	76·5	4·2	4·9	1·4	5·7	8·9
August	73·9	71·4	74·5	75·7	4·3	4·8	1·4	6·6	8·8
September	73·5	70·2	75·3	75·1	4·9	7·3	2·5	9·3	13·7
October	67·5	61·4	70·6	70·5	9·1	10·4	3·5	15·4	20·3
November	65·6	59·2	68·4	69·2	10·0	8·9	3·4	12·5	17·2
December	55·4	45·6	58·4	62·2	16·6	10·4	2·9	14·7	20·9
Year	67·0	61·7	69·0	70·4	8·7	12·0	5·4	14·7	20·6

71. AMRAOTI.

Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
58·6	52·5	60·6	62·6	10·1	8·5	4·6	10·9	14·4
61·5	55·1	64·0	65·5	10·4	13·2	7·3	15·2	21·5
64·9	58·0	67·3	69·3	11·3	17·8	11·4	21·4	26·6
66·9	59·0	69·9	71·8	12·8	22·9	17·1	26·9	31·7
68·3	61·4	71·6	71·8	10·4	22·5	16·6	25·5	31·7
74·8	71·0	76·9	76·5	5·5	9·5	4·8	11·0	16·3
74·0	70·9	75·0	76·0	5·1	4·0	1·8	4·4	7·3
73·2	70·5	74·1	75·1	4·6	4·8	1·9	5·5	8·5
73·5	70·2*	75·3	75·0	4·8	6·5	1·8	8·9	13·0
66·2	60·3	69·6	68·7	8·4	12·0	6·7	16·7	20·6
64·6	59·4	66·9	67·4	8·0	9·1	4·9	12·8	15·7
56·6	48·2	59·3	62·4	14·2	11·4	7·0	14·9	18·4
66·9	61·4	69·2	70·2	8·8	11·9	7·2	14·4	18·8

* Mean of 24 days.

72. MAKHLA.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb.			
						Mean.	Minimum.	10 hours.	16 hours.
January	56·1	51·8*	57·1	59·3	7·5	5·3	2·2	8·1	9·5
February	59·1	55·3†	60·0	62·0	6·7	9·4	3·6	13·0	16·1
March	61·2	57·4	62·5	63·6	6·2	15·7	10·0	19·8	22·7
April	63·5	60·1	64·5	66·0	5·9	20·0	13·0	24·5	27·8
May	65·7	62·5	67·4	67·2	4·7	19·7	12·0	21·5	29·1
June	72·3	68·8	73·9	74·3	5·5	6·7	3·6	7·6	11·2
July	69·7	68·2	69·8	71·0	2·8	2·0	1·2	1·4	2·9
August	68·5	66·5	68·4	70·5	4·0	1·9	1·1	1·9	2·7
September	69·3	65·4	70·8	71·7	6·3	2·9	1·2	4·2	6·0
October	64·9	59·6	66·9	68·1	8·5	7·3	4·5	10·6	12·2
November	62·0	57·4	63·0	65·7	8·3	6·4	3·6	7·4	10·0
December	54·6	49·2	55·3	59·2	10·0	9·8	5·4	11·0	14·9
Year	63·9	60·2	65·0	66·6	6·4	8·9	5·1	10·9	13·8

* Mean of 30 days.
† „ „ 26 „

73. NEEMUCH.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb.			
						Mean.	Minimum.	10 hours.	16 hours.
January	50·6	42·7	52·1	57·1	14·4	9·0	4·5	10·7	14·9
February	57·5	49·9	58·7	63·9	14·0	8·1	3·6	10·5	13·8
March	61·6	55·9	62·9	66·0	10·1	16·2	7·2	20·8	26·4
April	66·5	60·7	67·5	71·2	10·5	19·1	10·0	22·5	29·2
May	69·5	65·6	69·8	73·0	7·4	19·8	10·0	22·0	30·0
June	75·1	70·8	76·3‡	78·3§	7·5	14·3	7·8	13·1	21·8
July	75·1	72·2	75·6	77·6	5·4	4·9	2·2	4·5	8·0
August	73·4	71·3*	73·6*	75·3	4·0	2·8	0·5	3·0	5·3
September	71·3	68·3	72·6	73·1	4·8	8·1	2·5	12·2	14·9
October	65·7	59·6	68·9	68·7	9·1	11·1	5·4	17·0	19·9
November	58·9	51·3	61·3	64·1	12·8	9·2	4·2	14·8	16·5
December	53·3	43·1	57·1	59·8	16·7	9·5	4·3	15·0	18·3
Year	64·9	59·3	66·4	69·0	9·7	11·0	5·2	13·8	18·3

‡ Mean of 29 days.
§ „ „ 26 „

74. NOWGONG.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb.			
						Mean.	Minimum.	10 hours.	16 hours.
January	50·1	44·0	51·1	55·1	11·1	7·2	1·6	8·0	13·8
February	55·9	51·2	56·3	60·1	8·9	8·6	1·7	10·9	16·0
March	62·0	57·2	63·4	65·3	8·1	15·3	5·3	21·1	26·8
April	64·5	59·8	66·2	67·6	7·8	21·6	11·9	28·1	32·9
May	68·0	63·8	69·5	70·8	7·0	23·9	15·4	29·6	33·7
June	76·9	73·5	78·0	79·2	5·7	15·2	9·6	17·8	21·8
July	?	Imperfect.	77·9	79·8	?	?	?	3·3	5·1
August	75·8	74·1	75·9	77·4	3·3	2·7	1·1	2·9	4·3
September	74·8	72·3	76·2	75·9	3·6	5·1	1·4	7·1	10·1
October	65·8	61·3	68·3	67·9	6·6	10·3	2·9	13·8	20·0
November	58·9	52·5	61·2	62·9	10·4	7·6	1·9	12·5	15·6
December	51·6	42·9	53·6	58·3	15·4	6·9	1·2	9·1	14·6
Year	?	?	66·5	68·4	?	?	?	13·7	17·9

75. SUTNA.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb.			
						Mean.	Minimum.	10 hours.	16 hours.
January	50·7	44·4	52·5	55·1	10·7	6·9	2·4	8·7	13·3
February	55·3	50·1	56·5	59·3	9·2	10·3	3·8	13·2	17·9
March	60·3	54·6	62·6	63·6	9·0	17·4	8·4	22·5	28·7
April	62·5	57·0	64·8	65·8	8·8	24·3	15·6	31·2	35·1
May	66·0	61·6	68·1	68·2	6·6	25·7	17·8	31·8	35·8
June	73·7	70·6	75·5	74·9	4·3	18·4	12·9	21·6	25·7
July	76·6	74·3	77·4	78·0	3·7	3·2	2·1	4·2	5·2
August	75·6	73·3	76·5	77·0	3·7	2·6	1·7	3·8	4·4
September	74·7	71·9	76·3	75·8	3·9	4·8	1·9	7·3	9·4
October	65·4	61·3	68·2	66·7	5·4	10·6	3·2	15·4	20·7
November	58·3	52·4	61·0	61·6	9·2	9·4	3·3	14·3	18·1
December	49·8	41·3	53·4	54·6	13·3	9·1	3·1	13·1	18·7
Year	64·1	59·4	66·1	66·7	7·3	11·9	6·4	15·6	19·4

76. INDORE.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	54·2	47·1	56·9	58·7	11·6	7·0	2·6	10·8	13·9
February	58·2	51·8	60·6	62·2	10·4	8·9	3·1	12·8	17·1
March	60·2	53·9	62·9	63·8	9·9	16·4	8·5	23·0	26·9
April	62·8	57·1	65·5	65·8	8·7	21·3	13·5	26·5	31·8
May	65·5	61·2	68·0	67·3	6·1	21·8	14·0	25·5	32·1
June	73·8	70·8	76·1	74·5	3·7	9·6	4·8	11·0	16·6
July	72·8	70·8	73·4	74·1	3·3	4·2	1·6	4·9	7·4
August	71·7	69·8	72·2	73·2	3·4	3·4	1·3	4·2	5·9
September	70·8	67·8	73·0	71·6	3·8	6·1	2·1	9·2	12·3
October	63·7	58·4	66·8	66·0	7·6	10·3	4·1	17·7	19·4
November	58·3	50·7	61·5	62·7	12·0	10·0	5·1	15·4	18·0
December	51·5	41·5	55·6	57·4	15·9	10·6	4·7	17·1	20·6
Year	63·6	58·4	66·0	66·4	8·0	10·8	5·5	14·8	18·5

77. BICKANEER.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	43·8	39·7	43·3	48·4	8·7	13·3	8·9	16·5	17·2
February	48·0	44·4	47·4	52·3	7·9	14·7	9·3	19·5	19·4
March	59·5	55·3	59·1	64·1	8·8	19·3	12·5	24·2	25·7
April	65·9	61·3	65·9	70·6	9·3	22·1	13·7	26·6	30·4
May	69·0	65·5	69·2	72·2	6·7	24·3	14·6	28·7	34·3
June	71·2	68·2	71·1	74·3	6·1	22·6	14·0	23·6	31·1
July	72·5	70·0	72·2	75·2	5·2	19·7	12·8	21·9	26·4
August	71·5	69·1	71·5	73·8	4·7	15·2	10·5	17·4	20·0
September	71·3	69·3	71·2	73·4	4·1	17·2	9·3	18·8	25·0
October	67·3	64·7	67·6	69·5	4·8	15·5	8·1	19·5	23·2
November	57·6	54·7	57·9	60·1	5·4	14·3	7·4	18·5	21·6
December	50·2	46·2	50·3	54·2	8·0	13·4	7·5	15·7	19·3
Year	62·3	59·0	62·2	65·7	6·6	17·6	10·7	20·9	24·5

78. JEYPORE.

Month.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Minima.	Difference, Dry and Wet Bulb. Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Minima.
January	48·2	43·1*	50·1	53·3	46·2	41·3	9·1	5·3	10·8	14·4	6·0	3·4
February	54·1	50·2	55·2	57·8	53·2	48·6	10·0	5·4	11·6	16·1	6·8	3·4
March	61·2	56·7	63·2	65·1	59·9	55·3	17·3	9·7	20·3	25·9	13·0	7·2
April	63·6	58·5	66·2	67·1	62·6	58·2	22·4	14·3	25·4	32·0	17·8	11·2
May	67·0	63·0	69·9	69·6	65·3	62·0	25·1	16·6	27·6	34·9	21·5	15·2
June	72·8	70·1	74·9	74·6	71·5	69·3	19·9	12·8	20·1	28·8	17·8	11·8
July	77·3	75·4	78·0	78·7	76·9	74·5	7·5	3·9	8·6	11·9	5·9	3·6
August	76·1	74·4	76·4	77·9	75·7	73·6	3·4	1·3	4·3	5·8	2·1	1·0
September	71·2	68·4	72·7	73·2	70·4	67·6	11·2	5·5	13·5	18·9	7·0	4·6
October	64·4	60·0	67·1	67·7	62·6	59·4	13·1	6·9	17·3	20·2	8·2	5·3
November	57·6	52·5	60·7*	61·8	55·3	50·8	11·0	5·0	15·1	17·9	6·1	3·8
December	50·4	43·8	54·1	57·0	46·8	41·8	11·4	5·0	14·8	18·9	6·8	3·6
Year	63·7	59·7	65·7	67·0	62·2	58·5	14·4	7·6	15·8	20·5	9·9	6·2

79. SAMBHAR.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	47·8	38·6	49·1	55·7	17·1	5·8	4·3	7·2	10·6
February	54·6	47·6	56·0	60·2	12·6	7·1	3·4	8·2	12·7
March	61·4	54·3	63·9	66·1	11·8	14·7	8·1	16·3	23·0
April	65·7	57·5	69·0	70·7	13·2	19·1	14·4	18·6	25·8
May	66·9	61·6	70·3	68·7	7·1	23·2	17·1	22·9	33·7
June	73·6	68·7†	76·2†	75·9‡	7·2	17·3	12·8	16·3	26·3
July	76·2	73·8	77·0	77·8	4·0	8·5	4·7	9·4	13·0
August	75·4	73·1	75·8	77·4	4·3	3·7	1·9	4·4	6·4
September	71·6	67·4	73·0	74·3	6·9	9·9	6·3	11·5	16·9
October	63·9	57·0	66·9	67·9	10·9	11·5	6·6	14·8	21·0
November	56·3	48·8	59·2	60·8	12·0	9·1	4·8	12·2	18·7
December	49·6	39·3	51·3	58·2	18·9	7·2	4·1	10·2	16·1
Year	63·6	57·3	65·6	67·8	10·5	11·5	7·4	12·7	18·8

* Mean of 29 days.

† Mean of 24 days.
‡ » » 23 »

TABLE X.—TEMPERATURE OF EVAPORATION IN 1888.

80. AJMERE.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb.			
						Mean.	Minimum.	10 hours.	16 hours.
January	47·7	38·5	50·3	54·2	15·7	7·4	3·8	10·2	13·1
February	52·9	45·7	55·1	57·9	12·2	10·3	5·2	12·5	16·1
March	60·9	54·0	63·1	65·6	11·6	16·4	9·1	19·2	24·4
April	66·2	59·7	68·1	70·9	11·2	19·9	12·8	21·5	26·8
May	69·3	64·2	70·8	73·0	8·8	21·4	14·2	23·1	29·3
June	75·3	70·3	76·8	78·9	8·6	14·5	10·6	13·8	22·3
July	76·1	73·4	76·7	78·2	4·8	7·1	4·5	6·9	12·0
August	74·4	71·5	74·7	77·0	5·5	3·2	2·6	3·3	5·2
September	71·0	66·5	72·3	74·1	7·6	9·3	6·3	10·7	15·1
October	63·0	55·5	65·9	67·6	12·1	10·7	5·6	15·4	19·2
November	57·7	48·5	60·9	63·8	15·3	6·6	2·7	10·8	14·5
December	50·8	39·4	54·0	58·9	19·5	7·3	3·5	11·3	15·8
Year	63·8	57·3	65·7	68·3	11·1	11·2	6·7	13·2	17·8

81. MOUNT ABU.

Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb.			
					Mean.	Minimum.	10 hours.	16 hours.
46·5	43·0	47·4	49·1	6·1	6·6	5·2	8·4	8·9
49·5	46·1	50·6	51·7	5·6	8·7	7·1	11·1	11·4
55·4	51·6	56·8	57·8	6·2	14·6	11·7	17·1	18·9
57·8	53·6	59·0	60·9	7·3	17·6	14·5	18·2	21·7
59·5	54·9	61·1	62·6	7·7	18·7	15·2	20·0	23·7
67·7	63·7	69·2	70·3	6·6	7·9	4·2	7·6	12·9
67·2	65·1	67·6	68·9	3·8	2·3	0·5	1·9	4·4
65·7	63·5	66·1	67·4	3·9	0·7	0·3	0·8	1·6
63·5	59·2	64·7	66·5	7·3	6·3	5·2	9·0	8·7
54·1	54·7	58·8	58·8	4·1	16·4	9·8	16·9	17·7
51·6	48·4	52·7	53·6	5·2	11·1	8·4	14·7	14·9
48·5	44·2	50·6	50·7	6·5	11·2	9·1	15·8	15·4
57·3	54·0	58·7	59·9	5·9	10·2	7·6	11·8	13·4

82. PACHPADRA.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb.			
						Mean.	Minimum.	10 hours.	16 hours.
January	49·4	40·7*	50·2	57·3	16·6	11·4	6·9	10·0	16·7
February	56·0	49·9	56·4	61·8	11·9	11·3	5·0	11·0	17·9
March	64·8	57·1	65·5	71·9	14·8	14·7	7·7	14·6	22·3
April	70·5	62·0†	72·2†	77·3†	15·3	16·3	10·5	14·7	23·8
May	73·5	62·3†	76·5	81·8	19·5	16·9	14·5	15·1	22·1
June	76·5	69·5	78·1	82·0	12·5	14·9	11·2	13·0	20·1
July	78·0	72·7*	79·4	82·0	9·3	10·6	8·0	9·3	14·4
August	76·0	73·3	76·1	78·7	5·4	8·2	4·3	8·0	12·0
September	73·1	66·8†	74·2	78·4	11·6	12·9	7·5	12·6	19·2
October	65·8	56·6	68·3	72·4	15·8	16·1	10·5	18·0	24·2
November	58·4	48·8	59·9	66·4	17·6	12·8	7·8	14·3	19·3
December	50·7	40·7	51·4	60·1	19·4	13·3	5·9	13·6	21·2
Year	66·1	58·4	67·4	72·5	14·1	13·3	8·3	12·9	19·4

83. JACOBABAD.

Mean.	Minimum.	10 hours.	10 hours.	Range.	Difference, Dry and Wet Bulb.			
					Mean.	Minimum.	10 hours.	16 hours.
46·2	37·1	49·1	52·5	15·4	8·5	4·0	11·4	15·8
52·9	47·6	54·2	57·0	9·4	9·1	3·3	9·0	16·1
60·6	54·8	62·2	64·8	10·0	17·1	8·8	20·0	27·0
64·6	59·1	66·5	68·1	9·0	23·3	13·6	25·6	34·9
65·6	59·9	68·2	68·7	8·8	27·5	15·9	30·6	41·7
74·6	70·3	77·6	75·9†	5·6	23·0	12·7	20·3	36·2
79·2	76·5	80·1	80·9	4·4	16·6	7·8	15·6	26·4
78·2	75·3	79·3	80·1	4·8	15·4	6·7	13·8	25·0
72·7	68·3	74·7	75·0	6·7	15·6	5·5	14·4	27·7
64·3	57·8*	66·3*	68·9*	11·1	15·4	6·2	19·6	26·5
55·1	46·4	57·2	61·7	15·3	12·2	4·9	15·8	21·6
49·1	40·2	50·5	56·5	16·3	11·3	4·3	12·6	19·7
63·6	57·8	65·5	67·5	9·7	16·3	7·8	17·4	26·6

* Mean of 30 days. † Mean of 29 days.

84. HYDERABAD.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	51·7	44·5	53·3	57·2	12·1	9·4	6·0	13·7	14·4
February	57·5	50·9	59·4	62·3	11·4	8·5	4·7	13·4	14·1
March	65·7	59·8	66·9	70·4	10·6	13·5	6·8	19·9	21·4
April	70·1	65·0	71·4	73·9	8·9	14·8	8·4	20·1	22·5
May	72·3	66·9	73·5	76·5	9·6	16·9	10·2	22·2	24·8
June	78·1	75·4	79·0	79·8	4·4	11·1	5·9	15·4	17·2
July	77·8	75·7	78·4	79·2	3·5	9·5	5·0	13·1	14·6
August	76·9	74·8	77·3	78·7	2·9	9·4	5·4	11·2	13·6
September	74·0	70·7	74·7	76·5	5·8	8·9	3·5	12·8	15·1
October	69·2	63·5	70·9	73·1	9·6	12·4	6·7	14·3	19·9
November	58·8	52·6	60·2	63·6	11·0	13·3	7·4	15·4	20·5
December	54·5	47·4	55·6	60·5	13·1	11·4	6·5	12·4	17·4
Year	67·2	62·3	68·4	71·0	8·6	11·6	6·4	15·3	18·0

85. KURRACHEE.

Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
54·0	47·3	54·4	58·0	10·7	8·4	6·1	10·5	13·7
60·7	55·5	59·7	62·8	7·3	7·0	4·3	9·5	11·8
70·2	64·7	69·5	71·2	6·5	7·2	4·5	10·5	11·0
74·2	70·5	74·4	75·3	4·8	7·1	3·9	10·1	10·8
75·5	71·7	74·9	77·2	5·5	8·7	5·0	13·7	11·1
80·2	77·8	80·3	81·4	3·6	6·4	4·6	8·6	8·5
78·7	76·9	79·1	79·8	2·9	5·5	3·6	6·8	7·2
76·6	74·7	77·4	77·8	3·1	5·1	3·7	6·1	6·6
75·2	72·8	75·9	76·6	3·8	5·8	3·0	7·9	7·8
70·7	66·5	72·4	74·5	8·0	10·2	5·9	14·3	12·6
61·4	53·9	64·2	67·4	13·5	12·5	9·0	16·5	16·8
58·4	49·7	59·3	63·5	13·8	10·8	7·9	13·7	15·4
69·7	65·2	70·1	72·1	7·0	7·9	5·1	10·7	11·1

86. BHUJ.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	53·7	46·9	55·4	58·8	11·9	11·7	7·5	13·9	17·5
February	60·6	56·1	61·9	63·8	7·7	9·7	5·0	10·7	15·7
March	65·3	61·1	67·3	67·5	6·4	15·1	6·9	17·3	25·3
April	69·4	66·5	70·8	70·9	4·4	15·0	6·0	20·2	25·3
May	71·9	69·4*	72·9*	73·3	3·9	14·8	6·2	20·5	24·5
June	76·9	74·6	77·9	78·2	3·6	10·7	5·5	14·7	16·9
July	75·8	73·6	76·8	77·1	3·5	6·3	4·7	9·5	8·8
August	74·2	71·8	75·3	75·6	3·8	5·1	3·7	6·6	7·5
September	72·7	69·8	73·8	74·5	4·7	8·6	3·3	11·6	15·0
October	68·2	63·7	70·7	70·1	6·4	14·3	7·3	18·4	23·8
November	61·5	55·5	63·8	65·3	9·8	13·0	8·1	16·8	20·0
December	55·4	47·8	57·6	60·8	13·0	13·5	8·1	16·9	21·0
Year	67·1	63·1	68·7	69·7	6·6	11·5	6·0	14·8	18·4

87. RAJKOT.

Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
56·7	47·9	58·3	63·9	16·0	10·2	4·9	15·5	17·1
60·7	53·9	62·5	65·8	11·9	9·3	3·8	12·5	16·4
68·8	61·4	70·1	74·8	13·4	11·3	3·2	14·3	20·8
70·8	65·3	72·4	74·6	9·3	13·7	3·6	17·5	25·4
72·0	69·2†	74·1	72·7‡	3·5	16·3	5·6	17·5	29·1
75·9	73·2	76·8	77·6	4·4	11·2	2·1	14·0	21·3
75·1	71·9	76·0	77·5	5·6	6·5	1·3	10·7	12·5
74·5	72·1	75·3	76·2	4·1	4·4	1·5	6·0	8·0
73·6	69·7	74·6	76·6	6·9	7·9	1·2	8·1	15·5
68·7	63·2	70·8	72·0	8·8	13·1	4·6	16·3	23·8
64·1	57·4	66·4	68·5	11·1	10·2	5·2	13·1	17·4
55·4	47·9	57·9	60·4	12·5	13·2	5·3	16·2	23·6
68·0	62·8	69·6	71·7	9·0	10·6	3·5	13·5	19·2

* Mean of 30 days.

† Mean of 28 days.
‡ „ „ 29 „

88. DEESA.

Month.	Mean.	Minimum	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	55·0	46·7	56·0	58·9	12·2	11·4	6·2	15·0	19·3
February	57·2	49·1	59·6	61·8	12·7	14·8	10·4	15·7	20·4
March	63·5	57·3	64·3	65·8	8·5	19·8	9·5	22·0	30·5
April	70·1	63·1	71·3	73·1	10·0	19·0	8·9	19·9	28·9
May	73·6	68·4	74·4	74·3	5·9	19·0	7·9	19·0	31·1
June	76·7	73·7	77·0	76·6	2·9	14·7	7·1	14·8	25·7
July	76·2	74·6	76·1	76·6	2·0	8·5	3·7	9·7	14·6
August	75·0	72·7	75·4	76·1	3·4	6·4	3·1	6·9	10·8
September	72·1	68·6	73·7	73·7	5·1	12·2	4·8	13·0	20·9
October	64·2	58·5	67·7	67·5	9·0	18·2	9·7	21·7	28·0
November	58·0	52·4	60·9	62·0	9·6	15·9	8·7	20·0	23·8
December	53·7	44·5	56·0	59·1	14·6	16·7	8·4	21·1	25·9
Year	66·3	60·8	67·7	68·8	8·0	14·7	7·4	16·6	23·3

89. SURAT.

Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
62·2	56·9	63·0	66·7	9·8	?	?	12·4	14·5
65·0	58·1	67·6	69·2	11·1	8·6	3·3	12·3	16·5
69·4	64·4	71·7	72·1	7·7	11·8	4·4	14·5	21·5
72·0	68·8	73·1	74·1	5·3	12·3	4·2	16·5	21·4
75·7	72·9	76·8	77·4	4·5	9·1	4·2	12·3	15·0
78·0	76·9	78·5	78·6	1·7	7·5	3·4	9·7	12·1
76·9	75·2	77·8	77·8	2·6	3·8	2·3	4·9	6·0
75·8	72·6	77·2	77·5	4·9	3·1	1·8	4·5	5·9
76·2	72·7	77·4	78·6	5·9	5·0	1·9	7·2	9·2
74·0	67·2	76·5	78·3	11·1	4·8	2·4	8·1	9·7
69·0	61·9	70·8	74·2	12·3	6·0	2·8	9·3	11·1
60·0	52·4	61·0	66·7	14·3	8·5	2·4	14·3	15·4
71·2	66·7	72·6	74·3	7·6	?	?	10·5	13·2

90. MALEGAON.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	57·6	51·1	59·6	62·1	11·0	9·1	3·4	10·3	16·8
February	59·3	51·9	61·8	64·3	12·4	13·2	6·1	15·5	22·7
March	61·8	53·9	64·7	66·8	12·9	19·1	12·1	24·0	28·9
April	64·7	57·7	67·2	69·3	11·6	21·1	13·5	27·4	31·1
May	67·0	62·2	69·2	69·7	7·5	20·9	12·5	25·1	31·3
June	73·5	70·8	74·9	74·7	3·9	9·2	5·1	12·4	14·7
July	72·3	70·4	73·2	73·4	3·0	6·1	3·3	7·5	9·7
August	71·3	68·8	72·3	72·9	4·1	6·5	3·5	8·9	10·3
September	71·0	67·0*	72·9*	73·2*	6·2	6·6	3·2	10·9	11·8
October	65·0	59·4	67·7	67·9	8·5	13·6	7·3	17·0	22·6
November	62·7	56·3	65·0	66·9	10·6	11·5	6·4	14·7	18·8
December	54·0	43·1	57·8	61·1	18·0	13·8	8·1	16·7	23·2
Year	65·0	59·4	67·2	68·5	9·1	12·6	7·0	15·9	20·2

91. BOMBAY.

Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Minima.	Difference, Dry and Wet Bulb. Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Minima.
68·5	66·3	68·1	70·0	68·3	64·9	6·6	4·3	6·2	8·4	5·1	3·9
69·8	67·3	69·7	71·2	69·5	67·8	7·0	4·2	7·3	8·8	5·3	2·3
74·2	72·1	74·3	75·2	73·9	70·7	6·6	4·1	7·7	7·9	4·8	4·3
76·6	74·8	76·8	77·4	76·3	73·7	5·5	4·1	8·1	8·1	4·7	4·5
77·9	76·4	78·3	78·4	77·2	75·4	7·1	4·5	8·0	8·7	5·4	4·9
79·0	77·9	79·4	79·5	78·6	76·4	3·9	3·1	4·7	5·2	3·6	3·3
78·0	77·4	78·3	78·2	77·5	75·2	3·1	2·9	3·5	3·9	3·1	2·6
76·6	75·9	77·1	76·7	76·2	74·2	3·0	2·7	3·4	3·9	2·9	2·4
76·8	75·5	77·4	77·3	76·0	74·4	4·9	2·9	5·0	6·3	3·9	2·8
76·8	74·5	76·6	78·6	76·0	73·0	6·1	3·9	7·8	8·6	5·4	4·3
74·1	71·8	74·0	75·8	73·6	70·0	6·5	4·8	8·2	9·1	5·7	5·4
69·5	66·6	68·6	72·4	69·1	64·9	7·7	5·9	9·2	10·4	6·4	6·4
74·8	73·0	74·9	75·9	74·4	71·7	5·7	4·0	6·6	7·4	4·7	3·9

* Mean of 27 days.

92. POONA.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	60·6	54·1	60·3	61·9	7·8	10·7	1·3	11·6	18·6
February	61·7	54·7	61·5	63·3	8·6	15·4	2·9	16·5	24·8
March	64·4	59·0	63·2	64·9	5·9	19·3	5·9	23·2	29·4
April	66·0	60·4	65·3	67·1	6·7	20·8	8·6	27·2	31·2
May	68·2	64·2	68·6	69·2	5·0	15·8	5·3	21·0	25·6
June	72·4	69·7	73·3	73·2	3·5	7·9	3·2	11·9	11·7
July	71·2	69·3	72·3	71·7	2·4	3·9	1·9	5·2	5·6
August	70·4	68·4	71·4	70·9	2·5	4·3	1·5	5·0	5·6
September	71·1	67·7	72·2	72·4	4·7	5·3	1·2	7·7	8·0
October	67·7	64·4	68·5	68·8	4·4	11·8	1·9	14·2	18·5
November	66·7	61·6	67·3	67·5	5·9	10·6	1·5	11·6	16·3
December	58·1	50·7	58·9	61·0	10·3	14·3	3·1	16·5	22·6
Year	66·5	62·0	66·9	67·7	5·6	11·7	3·2	14·3	18·2

93. SHOLAPUR.

Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
60·8	54·0	63·5	64·9	10·9	10·2	4·5	12·7	18·5
61·4	53·9	64·6	65·7	11·8	15·8	8·1	18·5	26·6
65·3	59·3	67·5	69·0	9·5	20·0	12·3	24·8	29·7
67·2	63·0	68·4	70·3	7·3	22·6	12·9	27·3	33·3
69·0	65·2	70·4	71·3	6·1	18·7	9·2	22·6	29·6
72·8	70·2	73·7	74·5	4·3	9·8	3·2	11·0	17·2
72·1	69·6	73·0	73·7	4·1	5·8	2·5	7·4	10·9
70·9	68·2	71·8	72·7	4·5	8·1	2·5	9·9	14·6
71·5	69·0	72·4	73·1	4·1	8·2	2·3	9·2	14·9
67·5	63·5	69·9	69·2	5·7	12·3	5·1	16·4	21·8
67·5	62·8	69·4	70·2	7·4	8·1	2·4	11·6	15·7
59·1	52·1*	61·6	63·6	11·5	11·3	4·3	15·5	20·7
67·1	62·6	68·9	69·9	7·3	12·6	5·7	15·6	21·1

* Mean of 30 days.

94. RATNAGIRI.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	67·8	62·5	69·3	71·5	9·0	6·1	4·4	11·3	9·3
February	69·0	62·7	71·2	73·0	10·3	5·8	4·9	10·3	9·0
March	73·2	68·8	75·0	75·8	7·0	5·6	4·6	10·0	8·4
April	75·9	73·4	76·8	77·4	4·0	5·9	3·2	10·4	9·6
May	76·4	74·5	77·4	77·3	2·8	6·2	3·4	10·0	9·9
June	76·5	74·1	77·6	77·8	3·7	3·2	2·1	5·7	5·4
July	76·1	73·7	77·5	77·2	3·5	2·4	2·0	4·4	4·1
August	75·6	72·7	77·2	76·9	4·2	2·3	2·2	4·3	3·9
September	75·5	72·2	77·1	77·1	4·9	2·9	2·2	5·6	5·2
October	74·5	70·4	75·8	77·4	7·0	6·2	3·9	13·6	9·6
November	73·1	68·8	74·4	76·2	7·4	6·4	4·3	14·2	9·7
December	68·4	62·0	69·6	73·5	11·5	8·4	6·5	17·7	11·6
Year	73·5	69·7	74·9	75·9	6·3	5·1	3·6	9·8	8·0

95. BELGAUM.

Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
60·1	54·9	60·8	62·3	7·4	9·8	2·2	14·9	16·6
60·8	55·9	61·1	62·7	6·8	14·4	3·0	17·9	22·7
64·3	59·0	63·7	66·7	7·7	15·0	5·4	20·6	21·5
67·7	63·6	66·0	71·1	7·5	13·5	4·0	24·3	18·3
68·9	64·5	68·4	71·6	7·1	10·3	2·9	15·0	14·8
69·5	66·9	70·4	70·7	3·8	4·0	1·3	5·2	5·0
68·6	66·1	69·8	69·3	3·2	1·9	1·0	2·3	2·3
67·9	66·0	69·3	68·8	2·8	1·9	0·7	2·6	2·4
68·5	64·7	70·0	70·5	5·8	3·4	0·3	5·4	5·5
67·2	63·3	68·7	68·3	5·0	8·4	4·4	10·8	13·8
65·3	61·1	66·8	66·9	5·8	8·3	2·5	10·5	12·5
58·8	54·1	60·2	61·3	7·2	12·6	3·9	14·4	19·1
65·6	61·7	66·3	67·5	5·8	8·6	2·3	11·5	12·9

TABLE X.—TEMPERATURE OF EVAPORATION IN 1888.

96 KARWAR.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	69·0	64·6	70·2	72·2	7·6	5·2	1·5	6·5	10·1
February	69·7	65·6	70·6	73·0	7·4	4·8	0·8	7·1	9·5
March	73·8	70·7	74·5	76·1	5·4	4·5	1·5	8·1	8·2
April	76·4	74·0	77·2	77·9	3·9	5·6	3·6	8·9	8·4
May	76·2	73·5	77·2	77·9	4·4	4·9	3·5	7·5	7·2
June	75·3	72·4	76·9	76·7	4·3	2·3	2·5	3·6	3·5
July	75·4	72·7	77·0	76·4	3·7	2·3	2·5	3·7	3·7
August	74·9	72·4	76·2	76·1	3·7	1·9	1·6	3·2	3·5
September	75·2	72·9	75·9	76·7	3·8	2·8	0·9	4·5	5·4
October	75·9	72·8	76·7	78·2	5·4	4·2	0·9	6·6	8·2
November	73·2	69·6	74·0	76·1	6·5	5·2	1·7	7·3	9·4
December	67·9	62·7	68·5	72·6	9·9	7·9	3·0	10·3	13·3
Year	73·6	70·3	74·6	75·8	5·5	4·3	2·0	6·4	7·5

97. GOPALPUR.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	?	Not recorded.	67·5	67·7	?	?	?	8·5	7·9
February	?		72·7	74·2	?	?	?	7·7	6·3
March	?		76·3	77·4	?	?	?	6·8	5·7
April	?		78·8	78·8	?	?	?	4·7	4·4
May	?		81·1	80·8	?	?	?	5·4	4·9
June	?		81·7	81·5	?	?	?	5·8	5·4
July	?		79·7	80·0	?	?	?	5·1	4·7
August	?		79·5	79·5	?	?	?	4·0	3·9
September	?		79·7	80·1	?	?	?	7·1	7·3
October	?		76·0	75·6	?	?	?	10·7	9·8
November	?		72·5	72·5	?	?	?	6·9	7·3
December	?		64·6	64·9	?	?	?	10·9	10·5
Year	?		75·8	76·1	?	?	?	7·0	6·5

98. VIZAGAPATAM.

Month.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Minimum.	Difference, Dry and Wet Bulb. Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Minimum.
January	67·8	66·7	67·5	68·8	68·2	62·3	8·1	6·2	9·0	9·9	7·1	8·9
February	71·5	70·1	70·9	72·7	72·1	66·9	8·9	7·2	10·3	10·4	7·6	8·8
March	74·7	74·0	74·1	75·3	75·3	69·9	9·0	7·1	11·0	10·3	7·8	10·0
April	78·3	77·6	78·4	78·4	78·6	74·7	8·6	6·9	10·8	9·6	7·3	8·6
May	79·1	79·0	78·8	79·2	79·4	75·5	9·3	7·7	10·7	10·6	8·3	8·1
June	79·2	78·6	78·9	79·7	79·5	75·5	10·6	9·2	11·8	11·9	9·6	8·8
July	77·4	76·6	77·5	77·8	77·5	73·6	8·4	7·6	8·5	9·7	8·0	7·3
August	77·6	77·2	77·6	77·9	77·7	73·9	8·8	7·4	9·4	10·3	8·0	7·4
September	78·2	77·9	78·3	78·3	78·3	74·6	8·6	7·4	9·1	9·9	7·9	6·6
October	75·3	74·9	75·0	75·5	75·6	71·6	9·5	7·6	10·9	11·2	8·5	5·9
November	72·5	72·1	72·1	72·8	73·0	67·9	6·8	5·5	7·6	8·3	5·9	5·7
December	65·7	65·0	65·3	66·4	66·1	60·7	9·4	7·3	10·4	11·3	8·4	6·2
Year	74·8	74·1	74·5	75·2	75·1	70·6	8·8	7·2	10·0	10·3	7·9	7·7

99. RAJAHMUNDRY.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	65·0	62·0	66·5	66·6	4·6	10·7	3·1	12·1	16·9
February	68·1	65·8	69·6	68·8	3·0	12·6	3·6	12·5	21·9
March	71·6	69·8	72·9	72·1	2·3	13·6	4·6	14·1	22·0
April	75·8	74·8	76·6	76·0	1·2	13·5	5·1	14·6	20·8
May	75·7	74·7	76·7	75·8	1·1	13·6	5·5	14·5	20·7
June	76·0	74·5	76·6	76·9	2·4	14·2	6·7	15·2	20·9
July	74·9	74·1	75·0	75·7	1·6	8·6	3·8	9·7	12·2
August	75·1	74·4	75·4	75·6	1·2	8·7	3·7	10·1	12·3
September	75·2	74·0	76·4	75·2	1·2	9·2	3·5	10·8	13·2
October	71·4	69·8	72·8	71·7	1·9	11·9	4·3	14·2	17·1
November	70·0	67·9	71·1	71·1	3·2	8·1	2·6	10·2	11·3
December	63·5	60·2	65·1	65·3	5·1	11·1	3·4	13·1	16·8
Year	71·9	70·2	72·9	72·6	2·4	11·3	4·2	12·6	17·2

100. MASULIPATAM.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	70·6	63·9	73·7	74·2	10·3	3·3	0·8	5·7	5·7
February	72·3	66·1	75·4	75·5	9·4	4·6	0·5	7·2	9·0
March	76·1	70·4	79·0	78·9	8·5	4·6	0·6	7·9	8·2
April	79·9	76·7	81·3	81·8	5·1	5·1	1·2	9·6	8·1
May	81·6	77·4	83·6	83·7	6·3	4·5	1·9	7·8	7·8
June	81·5	77·4	83·0	84·1	6·7	7·1	2·8	9·0	13·1
July	77·0	75·0	77·5	78·5	3·5	7·0	2·2	9·5	11·6
August	76·5	74·5	77·0	77·9	3·4	8·0	2·7	10·5	13·3
September	77·1	74·8	78·4	78·2	3·4	7·5	2·1	9·5	12·6
October	75·1	72·7	76·8	75·8	3·1	7·6	1·7	11·0	12·1
November	72·4	69·5	73·9	73·9	4·4	4·7	1·7	5·9	7·6
December	66·7	62·2	68·7	69·1	6·9	6·4	1·8	8·8	10·6
Year	75·6	71·7	77·4	77·6	5·9	5·9	1·7	8·5	10·0

101. SECUNDERABAD.

Month.	Mean	Minimum.	10 hours.	16 hours.	22 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.	22 hours.
January	62·0	57·0	63·0	66·6	61·5	9·6	8·1	2·6	9·0	14·8	7·3
February	64·3	58·7	65·8	68·8	63·5	10·1	12·5	4·8	13·8	20·7	12·1
March	69·3	64·8	71·2	72·3	68·6	7·5	15·2	7·2	16·7	23·2	14·8
April	72·5	69·7	73·7	74·2	Discontinued.	4·5	16·4	7·9	18·6	26·0	Discontinued.
May	73·0	70·1	74·3	74·6		4·5	14·5	7·1	15·8	23·1	
June	73·7	71·1	74·4	75·5		4·4	10·2	3·9	10·6	17·3	
July	71·5	69·6	71·9	73·1		3·5	6·3	2·0	7·0	10·9	
August	72·1	69·7	72·6	74·0		4·3	6·2	1·8	6·9	11·0	
September	72·3	69·5	73·7	73·8		4·3	7·3	2·8	10·4	13·1	
October	68·6	64·2	70·8	70·8		6·6	9·9	4·0	13·7	17·9	
November	67·2	64·1	68·5	68·9		4·8	6·0	1·5	8·9	11·9	
December	59·4	53·6	62·3	62·4		8·8	8·7	3·4	11·7	16·7	
Year	68·8	65·2	70·2	71·3	?	6·1	10·1	4·1	11·9	17·2	

102. KURNOOL.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	63·2	56·8	66·4	66·4	9·6	11·9	3·4	12·7	19·5
February	62·5	55·9	65·4	66·2	10·3	17·6	6·7	19·2	27·0
March	66·5	61·8	68·4	69·3	7·5	21·4	10·9	23·0	30·2
April	70·5	67·5	72·1	72·0	4·5	21·1	11·6	22·2	29·6
May	71·7	68·6	73·2	73·3	4·7	15·7	7·8	16·4	22·9
June	73·5	70·5	74·7	75·2	4·7	13·4	6·7	13·6	19·9
July	72·6	69·9	73·8	74·2	4·3	10·3	4·7	10·5	15·7
August	72·1	69·2	73·2	74·0	4·8	10·6	5·1	11·2	15·5
September	73·1	69·7	74·8	74·9	5·2	10·0	4·8	10·1	14·9
October	70·0	66·0	72·6	71·4	5·4	13·1	5·1	14·3	19·9
November	?	Imperfect.	71·2	71·6	?	?	?	9·3	13·4
December	?	Not recorded.	65·3	65·8	?	?	?	12·5	18·6
Year	?	?	70·9	71·2	?	?	?	14·6	20·6

103. BELLARY.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	62·8	57·6	65·0	65·8	8·2	10·9	4·4	12·1	19·5
February	63·0	57·1	65·3	66·6	9·5	15·4	7·5	17·6	25·6
March	66·5	60·5	68·9	70·2	9·7	19·4	12·7	21·5	28·4
April	71·2	67·2	72·9	73·4	6·2	18·1	10·9	18·8	27·1
May	71·2	68·4	72·7	72·5	4·1	13·8	7·9	16·8	21·1
June	73·0	70·4	73·8	74·9	4·5	10·9	5·7	12·4	16·7
July	71·9	69·7	72·7	73·4	3·7	8·7	5·1	10·5	12·9
August	72·2	69·7	73·0	73·8	4·1	8·3	4·2	10·1	13·3
September	72·4	69·6	73·2	74·4	4·8	7·9	3·2	9·7	13·4
October	69·8	66·2	71·5	71·3	5·1	10·0	4·4	12·5	17·6
November	68·9	65·2	70·6	70·8	5·6	6·3	1·7	8·2	12·6
December	62·8	56·5	65·7	66·3	9·8	8·8	3·6	10·8	16·7
Year	68·8	64·8	70·4	71·1	6·3	11·5	5·9	13·4	18·7

TABLE X.—TEMPERATURE OF EVAPORATION IN 1888.

104. MANGALORE.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	70·1	66·3	70·6	73·3	7·0	6·9	3·9	11·0	10·4
February	72·3	68·8	73·1	75·1	6·3	5·6	3·0	9·1	8·8
March	75·4	72·6	76·4	77·2	4·6	5·4	3·0	7·7	8·7
April	77·4	75·3	78·2	78·6	3·3	5·8	3·8	7·5	8·6
May	76·8	74·2	77·8	78·5	4·3	4·8	3·2	6·5	7·3
June	75·5	72·7	76·6	77·1	4·4	1·7	1·5	2·7	3·0
July	76·0	73·3	77·5	77·2	3·9	1·9	2·0	2·8	3·2
August	75·0	72·3	76·4	76·3	4·0	1·6	1·5	2·5	3·0
September	75·1	72·9	75·8	76·6	3·7	2·9	1·4	4·3	5·0
October	76·6	73·8	77·6	78·5	4·7	3·8	1·7	5·7	6·7
November	74·0	71·0	75·0	76·1	5·1	5·2	2·7	8·5	8·6
December	69·6	65·5	70·0	73·4	7·9	8·2	4·7	12·2	11·9
Year	74·5	71·6	75·4	76·5	4·9	4·5	2·7	6·7	7·1

105. MERCARA.

Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
58·9	54·5	60·2	61·9	7·4	5·4	1·8	6·7	10·4
59·0	54·5	60·4	62·0	7·5	8·3	3·5	11·5	14·6
58·9	50·1	62·3	64·3	14·2	3·2	13·8	15·0	15·9
66·6	62·7	67·6	69·5	6·8	4·0	1·5	9·6	7·4
65·9	61·5	67·7	68·5	7·0	3·2	2·5	7·5	5·7
64·5	61·7	66·2	65·7	4·0	1·0	2·9	1·8	1·6
63·9	62·0	65·1	64·5	2·5	0·7	1·6	1·1	1·0
63·6	61·8	64·8	64·3	2·5	0·7	1·5	0·8	0·9
64·4	61·2	65·8	66·4	5·2	2·4	2·6	4·4	3·3
64·5	61·2	66·2	66·2	5·0	3·7	2·7	6·0	6·2
63·1	59·9	64·3	65·1	5·2	?	?	5·3	6·3
58·9	54·8	60·4	61·6	6·8	?	?	7·9	9·8
62·7	58·8	64·3	65·0	6·2	?	?	6·5	6·9

106. BANGALORE.

Month.	Mean.	Minimum.	10 hours.	16 hours.	22 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.	22 hours.
January	61·2	56·3	62·3	65·0	61·0	8·7	6·4	1·8	7·2	11·8	6·2
February	62·7	56·8	64·6	67·2	61·9	10·4	9·5	2·7	10·7	15·8	10·2
March	66·4	60·2	69·0	70·8	64·8	10·6	10·8	5·0	11·9	17·6	10·8
April	68·7	63·6	71·3	71·3		7·7	11·2	5·6	10·4	19·2	
May	69·2	65·4	71·1	71·1		5·7	8·8	3·7	9·5	15·7	
June	68·7	65·1	69·6	71·5		6·4	5·9	1·8	7·1	10·7	
July	67·9	64·8	68·7	70·2		5·4	5·0	1·7	6·3	9·0	
August	67·9	64·2	68·7	70·8		6·6	4·5	1·7	5·6	8·0	
September	67·8	64·3	68·7	70·5		6·2	5·2	1·7	6·4	9·4	
October	67·4	64·0	68·9	69·3		5·3	4·8	1·6	7·1	9·4	
November	65·5	62·3	66·9	67·4		5·1	4·8	1·5	6·7	9·3	
December	60·5	56·5	61·6	63·4		6·9	6·8	2·5	8·6	12·2	
Year	66·2	62·0	67·7	69·0	?	7·1	7·0	2·6	8·1	12·3	?

Discontinued.

Discontinued.

107. CUDDAPAH.

Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
67·5	62·7	69·2	70·5	7·8	8·6	2·4	9·6	13·8
68·3	64·2	70·4	70·4	6·2	13·4	4·4	13·9	21·7
70·9	67·5	72·6	72·7	5·2	17·2	6·8	18·1	26·6
74·2	71·8	75·6	75·2	3·4	18·7	10·2	18·7	27·1
74·5	72·4	75·7	75·5	3·1	18·3	10·6	18·5	25·6
74·7	72·7	75·4	76·0	3·3	15·7	8·7	16·3	22·2
73·8	71·9	74·4	74·9	3·0	11·6	5·4	12·6	17·1
73·9	71·9	74·6	75·3	3·4	11·9	5·7	12·6	17·4
74·4	72·3	75·1	75·7	3·4	10·6	4·4	11·7	15·9
73·6	71·3	75·1	74·6	3·3	9·8	3·1	11·1	14·9
72·1	69·5	73·2	73·5	4·0	6·7	1·4	8·0	10·8
66·6	63·1	68·4	68·3	5·2	8·2	1·7	9·2	13·7
72·1	69·3	73·3	73·6	4·3	12·6	5·4	13·4	18·9

108. MADRAS.

Month.	Mean.	Minimum.	10 hours.	16 hours.	22 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.	22 hours.
January	70·0	66·5	71·9	72·3	69·1	5·8	4·7	1·2	7·7	8·4	2·8
February	71·6	68·0	73·3	73·6	71·3	5·6	5·1	0·6	8·8	8·9	3·1
March	74·6	71·4	75·7	76·6	74·3	5·2	5·3	0·8	9·9	8·4	3·3
April	79·6	77·0	80·5	81·0	79·5	4·0	5·0	1·6	9·1	6·9	3·2
May	79·8	76·9	80·6	81·2	79·8	4·3	5·7	2·8	9·6	7·9	3·9
June	78·3	75·1	78·9	80·3	78·4	5·2	8·6	5·9	12·4	11·8	5·6
July	77·2	74·1	78·2	79·1	77·1	5·0	6·8	4·1	9·6	10·2	4·1
August	76·7	73·5	77·4	78·8	76·6	5·3	6·2	3·0	8·8	10·0	3·7
September	77·7	74·4	78·5	78·9	78·4	4·5	5·7	2·5	9·3	8·5	3·1
October	76·6	73·8	78·5	77·6	76·0	3·8	4·0	1·1	6·4	6·3	3·0
November	74·9	72·5	76·4	76·0	74·5	3·5	3·6	0·9	5·8	5·9	2·3
December	70·5	67·0	72·7	71·9	69·8	2·8	4·5	2·1	6·2	7·2	3·0
Year	75·6	72·5	76·9	57·3	75·4	4·6	5·4	2·2	8·6	8·4	3·4

109. SALEM.

Month.	Mean.	Minimum.	10 hours.	16 hours.	22 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.	22 hours.
January	67·9	58·1	70·4	74·0	69·2	15·9	7·0	3·5	8·7	12·1	5·2
February	68·2	57·6	71·1	74·8	69·2	17·2	10·1	4·6	10·6	17·1	9·4
March	73·6	68·5	74·7	77·5	73·2	9·0	10·5	3·3	11·3	19·3	9·8
April	78·7	73·8	79·8	82·4	Discontinued.	8·6	9·1	3·3	9·7	16·0	Discontinued.
May	76·9	74·2	78·2	78·4		4·2	7·9	2·1	10·1	14·8	
June	76·5	72·4	77·4	79·8		7·4	5·8	1·3	8·5	11·1	
July	76·4	71·9	77·5	79·7		7·8	5·7	1·1	6·9	11·5	
August	75·0	71·4	76·1	77·6		6·2	6·0	0·7	6·5	12·2	
September	75·1	71·3	76·0	78·1		6·8	6·0	0·6	8·0	12·2	
October	74·5	70·2	75·8	77·4		7·2	4·5	0·6	7·6	9·8	
November	73·9	69·5	75·2	77·0		7·5	?	?	5·8	7·0	
December	69·1	63·9	70·5	73·0		9·1	?	?	7·9	9·4	
Year	73·8	68·6	75·2	77·5	?	8·9	?	?	8·5	12·7	?

110. WELLINGTON.

Month.	Mean.	Minimum.	10 hours.	16 hours.	22 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.	22 hours.
January	50·9	42·8	54·0	56·3	50·5	13·5	3·6	2·2	6·7	5·4	1·5
February	49·9	42·3	52·0	55·2	49·8	12·9	7·9	3·4	13·6	11·7	4·2
March	53·5	48·1	54·9	57·3	53·1	9·2	9·0	4·2	14·7	12·8	5·8
April	57·5	53·5	59·2	59·9	Discontinued.	6·4	9·4	3·5	13·1	12·3	Discontinued.
May	59·7	55·2	62·3	61·6		6·4	6·0	2·6	8·1	5·9	
June	58·9	55·4	60·6	60·8		5·4	7·5	3·9	8·2	7·0	
July	57·5	54·0	59·1	59·3		5·3	8·4	4·9	8·5	8·0	
August	58·5	54·4	60·5	60·5		6·1	6·7	3·6	7·2	6·8	
September	58·5	53·6	61·3	60·7		7·1	5·3	2·2	6·9	5·5	
October	57·6	53·3	59·5	60·0		6·7	4·2	1·7	5·9	4·3	
November	56·7	51·6	59·3	59·3		7·7	3·8	1·5	5·2	4·0	
December	52·4	44·3	56·1	56·7		12·4	4·8	3·5	6·8	5·4	
Year	56·0	50·7	58·2	59·0	?	8·3	6·4	3·1	8·7	7·4	?

111. CALICUT.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	71·2	67·4	71·8	74·5	7·1	6·2	2·0	9·6	10·8
February	73·0	69·4	73·4	76·1	6·7	5·7	1·8	9·5	10·1
March	76·4	73·4	77·0	78·7	5·3	5·2	1·9	9·1	9·2
April	78·6	76·4	79·1	80·3	3·9	5·1	2·3	8·2	8·3
May	77·6	75·3	78·3	79·3	4·0	4·0	2·0	6·7	6·6
June	75·5	73·1	76·2	77·3	4·2	2·3	1·0	3·0	4·2
July	75·8	73·8	76·8	76·9	3·1	1·6	0·5	2·8	3·6
August	75·0	72·5	75·8	76·8	4·3	1·9	0·8	2·6	3·7
September	75·7	73·2	76·6	77·4	4·2	2·8	0·8	4·6	4·5
October	76·6	73·9	77·6	78·2	4·3	3·6	1·0	5·6	7·2
November	75·2	72·4	76·2	77·0	4·6	4·2	1·3	6·5	8·1
December	72·3	68·7	72·9	75·2	6·5	6·1	1·9	9·4	10·9
Year	75·2	72·5	76·0	77·3	4·9	4·1	1·4	6·5	7·4

112. COIMBATORE.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	65·8	57·7	69·0	70·6	12·9	7·3	6·4	6·5	11·8
February	67·2	59·1	70·6	72·0	12·9	?	Imperfect.	9·0	16·4
March	70·8	65·7	72·8	73·9	8·2	?		10·0	19·4
April	74·6	71·4	76·1	76·3	4·9	?		11·3	16·4
May	73·8	70·0	75·9	75·4	5·4	?		10·1	12·7
June	71·8	68·4	73·2	73·9	5·5	?	Shade min. not recorded.	8·7	8·8
July	71·9	69·1	72·9	73·6	4·5	?		8·6	9·2
August	72·3	69·4	73·1	74·4	5·0	?		8·2	9·5
September	73·3	69·7	74·2	75·9	6·2	?		8·6	10·0
October	72·9	70·4	74·0	74·3	3·9	?		7·7	10·8
November	72·1	69·2	73·2	73·9	4·7	?		6·6	8·7
December	69·1	64·2	70·0	73·2	9·0	?	Shade min. imperfect.	6·5	8·9
Year	71·3	67·0	72·8	74·0	6·9	?	?	8·5	11·9

113. TRICHINOPOLY.

Mean.	Minimum.	10 hours.	16 hours.	22 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.	22 hours.
69·9	65·1	71·8	72·3	70·4	7·2	6·3	2·3	7·8	12·5	3·6
70·8	65·7	72·4	73·4	71·1	7·7	8·2	2·0	10·1	17·0	5·1
73·7	69·8	75·1	75·9	73·8	6·1	10·0	2·9	11·4	20·1	6·9
77·3	74·2	78·2	79·6		5·4	11·3	4·2	12·0	19·2	
77·0	73·8	78·1	79·1		5·3	10·6	4·2	11·7	18·1	
74·8	72·1	75·6	76·7		4·6	12·1	6·0	13·6	18·9	
74·0	71·1	75·0	75·9	Discontinued.	4·8	13·6	8·0	14·3	20·2	Discontinued.
74·3	71·1	75·4	76·5		5·4	12·6	6·8	13·7	19·3	
75·4	71·6	76·6	77·9		6·3	10·3	5·3	11·8	16·6	
75·0	72·5	75·8	76·6		4·1	6·8	2·9	8·9	11·5	
73·9	71·1	75·1	75·6		4·5	4·4	1·8	6·6	8·0	
69·5	66·2	70·6	71·6		5·4	4·7	2·1	6·9	8·5	
73·8	70·4	75·0	75·9	?	5·6	9·2	4·0	10·7	15·8	?

114. NEGAPATAM.

Month.	Mean.	Minimum.	10 hours.	16 hours.	22 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.	22 hours.
January	71·4	68·5	72·7	72·9	71·7	4·4	4·8	1·6	5·9	7·0	5·0
February	72·2	68·7	73·8	74·0	72·4	5·3	6·1	2·3	8·5	8·8	5·4
March	74·9	71·9	76·6	76·4	74·6	4·5	6·7	2·8	9·0	10·0	5·8
April	79·2	76·6	80·0	80·9		4·3	6·7	2·8	9·2	8·3	
May	78·5	75·4	79·2	80·9		5·5	6·4	3·1	8·2	8·0	
June	76·7	73·5	76·9	79·8		6·3	9·5	5·2	12·6	10·7	
July	76·7	73·1	77·0	80·0		6·9	8·9	4·6	11·1	11·1	
August	76·7	73·8	77·0	79·3	Discontinued.	5·5	8·1	4·2	9·9	10·3	Discontinued.
September	77·3	73·7	78·0	80·3		6·6	7·0	3·3	8·9	8·7	
October	77·0	74·8	77·8	78·5		3·7	4·8	1·9	5·8	6·5	
November	75·3	73·2	76·9	76·5		3·3	3·8	1·8	4·3	5·2	
December	71·7	69·3	72·6	73·3		4·0	4·2	1·8	5·2	5·6	
Year	75·7	72·7	76·5	77·7	?	5·0	6·4	2·9	8·2	8·4	?

115. MADURA.

Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
70·0	65·7	71·3	72·9	7·2	6·7	2·8	9·5	10·6
70·6	65·4	72·1	74·2	8·8	8·4	2·5	10·4	14·8
73·6	68·9	74·9	77·0	8·1	9·8	3·8	12·7	17·2
76·2	72·4	78·3	78·0	5·6	11·7	6·0	13·5	19·5
75·4	71·2	77·9	77·0	5·8	9·7	6·0	12·2	16·7
73·4	69·6	75·5	75·2	5·6	12·3	8·3	15·7	18·2
72·5	68·9	74·3	74·3	5·4	13·2	8·9	16·8	18·8
73·0	69·4	74·5	75·0	5·6	12·4	7·7	15·1	18·2
73·5	69·7	75·4	75·3	5·6	10·0	6·4	13·4	15·0
73·8	70·8	75·3	75·3	4·5	8·3	4·1	9·8	13·3
73·2	70·1	74·8	74·8	4·7	5·4	2·7	7·4	8·1
70·3	66·8	71·8	72·4	5·6	5·3	2·7	7·3	8·1
73·0	69·1	74·7	75·1	6·0	9·4	5·2	12·0	14·9

116. COCHIN.

Month.	Mean.	Minimum.	10 hours.	16 hours.	22 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.	22 hours.
January	72·3	69·2	72·4	74·4	72·9	5·2	6·8	2·2	10·7	11·1	4·3
February	73·2	70·4	73·6	75·0	73·6	4·6	6·8	2·1	10·1	10·8	4·9
March	76·9	75·3	77·3	78·4	76·7	3·1	6·2	1·8	8·5	9·4	5·3
April	78·4	76·4	79·1	79·7		3·3	5·0	2·3	7·4	8·4	
May	77·3	75·4	78·2	78·4		3·0	3·5	1·6	*5·7	6·2	
June	75·6	73·1	76·6	77·0		3·9	* 2·0	0·9	3·7	4·1	
July	75·7	73·5	76·8	76·9		3·4	2·1	0·9	4·1	4·3	
August	75·3	73·2	76·8	76·0	Discontinued.	2·8	1·8	0·8	4·3	4·2	Discontinued.
September	75·9	73·9	76·8	77·1		3·2	2·7	0·8	4·6	5·3	
October	76·2	73·9	77·1	77·5		3·6	3·3	1·0	6·1	6·6	
November	75·5	73·4	76·8	76·2		2·8	3·8	1·2	6·6	7·7	
December	73·0	70·5	73·8	74·6		4·1	5·6	2·1	9·3	9·9	
Year	75·4	73·2	76·3	76·8	?	3·6	4·1	1·5	6·8	7·3	?

117. BHAMO.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	58·1	50·1	59·7	64·4	14·3	?	?	4·6	8·5
February	59·3	52·0	61·4	64·4	12·4	?	?	5·9	12·1
March	64·8	58·7	66·3	69·5	10·8	8·3	3·2	8·5	14·7
April	70·6	64·6	71·7	75·4	10·8	6·8	2·6	8·3	12·1
May	75·2	69·5	77·0	79·0	9·5	5·9	2·4	7·8	11·3
June	77·5	74·2	78·9	79·5	5·3	2·1	1·0	3·5	4·5
July	77·3	74·6	78·4	79·0	4·4	2·7	1·1	3·6	5·3
August	76·8	74·3	77·3	78·8	4·5	3·0	1·3	2·9	5·1
September	76·5	73·0	77·6	79·0	6·0	3·1	1·1	4·7	6·1
October	73·0	67·7	74·8	76·5	8·8	4·1	1·1	6·5	8·8
November	65·3	58·1	67·4	70·3	12·2	4·3	1·3	4·5	9·4
December	58·7	48·4	61·6	66·1	17·7	3·7	1·1	4·0	9·1
Year	69·4	63·8	71·0	73·5	9·7	?	?	5·4	8·9

118. KENDAT.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	?	Untrustworthy.	62·4	69·4	?	?	?	2·0	4·8
February	?		62·3	71·0	?	?	?	3·2	9·2
March	?		68·8	71·4	?	?	?	8·5	17·6
April	?		72·4	74·9	?	?	?	9·4	15·9
May	75·1	71·9†	76·1	77·3*	5·4	8·6	1·3	12·6	16·8
June	78·7	75·0	79·8	81·4	6·4	3·0	1·5	4·5	5·4
July*	78·8	75·1	79·8	81·4	6·3	2·1	1·6	3·6	3·7
August	78·6	74·8	79·8	81·2	6·4	1·7	1·5	3·0	3·0
September	77·8	73·6	78·9	80·9	7·3	1·6	1·5	2·7	2·8
October	75·1	69·5	75·9	79·8	10·3	2·7	1·5	3·1	4·7
November	68·5	62·0	69·9	73·7	11·7	2·6	1·6	3·3	4·9
December	61·2	52·5	61·8	69·4*	16·9	2·9	1·5	2·7	4·8
Year	?	?	72·3	76·0	?	?	?	4·9	7·8

119. MANDALAY.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	61·4	54·1	63·7	66·4	12·3	9·0	4·5	8·4	15·8
February	63·0	55·9	65·5	67·5	11·6	11·5	5·6	12·2	20·0
March	67·1	61·5	69·3	70·6	9·1	15·9	8·0	16·7	25·8
April	71·9	68·0‡	74·1‡	73·7§	5·7	18·0	9·3	19·4	28·7
May	77·1	72·7§	79·1§	79·5§	6·8	10·8	6·7	11·4	16·9
June	77·7	74·1	78·8	80·3	6·2	7·1	4·5	7·7	10·7
July	77·5	73·5	78·9	80·0	6·5	6·3	5·2	7·8	8·9
August	77·0	72·6	78·5	79·9	7·3	5·2	4·0	5·3	7·8
September	78·3	73·4‖	80·3	81·2	7·8	3·8	3·5	4·0	6·1
October									
November									
December									
Year	?	?	?	?	?	?	?	?	?

Not received.

* Mean of 30 days.
† „ „ 23 „
‡ Mean of 26 days.
§ „ „ 25 „
‖ Mean of 29 days.

TABLE X.—TEMPERATURE OF EVAPORATION IN 1883.

120. AKYAB.

Months.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	62·6	56·6	64·8	66·3	9·7	7·8	4·7	6·7	11·5
February	65·3	58·9	66·9	70·2	11·3	8·2	4·6	7·5	10·6
March	71·3	65·8	73·0	75·1	9·3	8·8	5·1	9·0	10·2
April	76·3	72·0	78·0	79·0	7·0	8·6	5·6	9·1	9·1
May	78·4	74·6	80·2	80·5*	5·9	6·5	4·9	5·9	7·0
June	78·1	75·0	79·5	79·7	4·7	3·9	4·4	2·5	3·0
July	77·3	74·7	78·7	78·6	3·9	3·4	3·9	2·3	2·3
August	77·0	74·3	78·3	78·3	4·0	3·3	4·2	2·0	2·5
September	78·2	75·2	79·8	79·7	4·5	4·7	4·6	3·9	4·3
October	76·9	73·2	78·7	78·7	5·5	5·4	4·2	5·0	6·6
November	73·8	68·6	76·0	76·7	8·1	5·9	4·5	5·5	7·0
December	66·1	60·0	68·2	70·1	10·1	7·0	5·2	5·9	8·8
Year	73·4	69·1	75·2	76·1	7·0	6·1	4·7	5·4	6·9

* Mean of 30 days.

121. THAYETMYO.

Months.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	63·7	53·4*	66·6	71·0	17·6	6·9	1·7	9·2	15·0
February	65·6	56·4	69·0	71·5	15·1	9·7	2·7	11·7	20·0
March	69·8	61·5	73·2	74·8	13·3	12·2	5·0	14·4	22·6
April	76·8	70·8†	79·0	80·7	9·9	13·5	7·4	14·3	21·7
May	78·7	72·8	82·4	83·0	12·2	6·5	3·9	9·8	12·7
June	77·0	75·0	75·9	80·1	5·1	4·6	1·8	8·3	6·3
July	77·3	74·2	78·7	79·0	4·8	2·9	1·6	4·5	5·5
August	77·2	74·5	78·7	78·4	3·9	2·3	1·4	4·7	4·7
September	78·2	74·7	79·6	80·2	5·5	3·3	1·2	5·4	6·9
October	76·2	71·7	78·0	79·0	7·3	4·0	0·9	6·9	8·8
November	71·8	66·5	74·0	74·9	8·4	5·3	1·3	9·0	11·5
December	64·8	56·9	67·2	70·3	13·4	6·3	1·1	9·6	13·9
Year	73·1	67·2	75·2	76·9	9·7	6·5	2·5	9·0	12·5

† Mean of 29 days.

122. TOUNGOO.

Months.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	65·4	56·4	68·1	71·7	15·3	6·6	3·9	6·2	11·9
February	69·4	61·9	71·9	74·3	12·4	7·9	3·6	8·3	15·3
March	72·2	66·1	74·8	75·7	9·6	11·7	5·0	11·7	20·9
April	76·5	71·2	79·3	78·4	6·7	12·1	5·6	12·4	21·4
May	78·0	72·0	80·9*	81·0*	9·0	6·9	6·0	9·0	12·8
June	75·9	70·4	78·7	78·5	8·1	2·9	5·2	3·5	3·4
July	75·4	69·5	78·4	78·2	8·7	2·3	5·4	3·0	2·2
August	75·0	69·4	77·9	77·6	8·2	2·6	5·2	2·4	3·0
September	76·4	70·3	79·3	79·5	9·2	4·4	5·6	4·7	6·1
October	74·9	67·4	78·6	78·6	11·2	5·0	6·5	4·9	7·2
November	72·4	64·5	75·4	77·2	12·7	5·3	6·2	4·7	7·5
December	65·4	56·0	68·1	72·1	16·1	5·8	5·7	5·2	8·5
Year	73·0	66·3	76·0	76·9	10·6	6·1	5·3	6·3	10·0

*Mean of 30 days.

123. BASSEIN.

Months.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	67·5	62·8	69·2	70·5	7·7	6·3	1·0	9·1	13·3
February	68·3	64·1	70·3	70·5	6·4	7·5	1·1	10·5	15·8
March	72·3	70·0	73·6	73·2	3·2	8·2	1·2	12·4	16·6
April	76·0	74·3	76·9	76·9	2·6	8·1	1·6	12·5	15·3
May	77·9	75·9*	79·2	78·5	2·6	3·8	1·5	8·2	7·4
June	76·9	74·6	78·7	77·4	2·8	1·1	1·0	3·7	3·0
July	76·7	74·5	77·7	77·9	3·4	1·6	1·0	2·7	3·2
August	76·8	74·6	77·9	78·0	3·4	1·6	1·0	2·8	3·2
September	77·5	75·2	78·7	78·5	3·3	1·6	0·8	3·6	3·7
October	76·6	74·1	78·0	77·8	3·7	2·6	0·9	5·5	5·6
November	75·3	71·5	76·5	77·8	6·3	3·0	1·2	5·7	6·0
December	69·5	64·3	70·9	73·2	8·9	4·5	1·3	8·2	9·2
Year	74·3	71·3	75·6	75·9	4·5	4·2	1·1	7·1	8·5

124. Diamond Island.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	70·0	68·4	70·7	70·9	2·5	5·7	2·3	8·7	9·7
February	70·6	68·5	71·7	71·7	3·2	4·3	1·7	7·5	7·8
March	74·0	72·2	74·7	75·1	2·9	3·7	0·8	7·5	7·3
April	76·9	75·4	77·4	78·0*	2·6	4·8	1·7	8·5	8·2
May	78·1	75·7	79·9	78·6	2·9	3·2	1·7	7·2	6·6
June	77·4	73·7	79·2	79·2	5·5	0·9	0·5	2·9	3·2
July	76·4	73·6	78·0	77·6	4·0	1·2	0·1	3·8	3·9
August	76·1	73·0	77·7	77·5	4·5	1·2	0·5	3·2	3·5
September	76·5	73·9	78·2	77·4	3·5	1·3	0·1	4·1	4·2
October	76·7	74·6	77·9	77·6	3·0	2·6	0·3	5·8	6·0
November	75·7	73·9	76·6	76·7	2·8	3·3	0·5	6·3	6·9
December	71·0	69·1*	71·5	72·4	3·3	5·5	1·9	8·8	9·5
Year	75·0	72·7	76·1	76·1	3·4	3·1	1·0	6·2	6·4

* Mean of 29 days.

125. Rangoon.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	68·1	61·7	70·3	72·3	10·6	7·3	2·8	9·1	13·9
February	69·2	64·2	70·6	72·7	8·5	8·1	2·0	8·3	15·6
March	72·7	68·8	73·9	75·3	6·5	9·5	2·6	10·5	17·6
April	76·4	73·9	77·1	78·3	4·4	9·3	2·6	11·6	16·5
May	77·6	75·5	79·4	78·0	2·5	4·4	2·2	7·8	8·3
June	76·8	74·6	78·8	77·1	2·5	1·2	1·5	2·8	2·8
July	76·0	73·8	77·7	76·6	2·8	1·2	1·6	2·4	2·3
August	76·0	74·0	77·4	76·6	2·6	1·3	1·6	2·1	2·3
September	77·5	75·1	78·8	78·6	3·5	2·2	1·4	2·7	4·2
October	76·8	73·9	78·4	78·1	4·2	2·9	1·6	4·7	5·8
November	76·2	72·8	78·3	77·6	4·8	3·5	1·9	4·7	7·0
December	70·3	65·8	71·7	73·3	7·5	6·4	2·4	7·7	11·8
Year	74·5	71·2	76·0	76·2	5·0	4·8	2·0	6·2	9·0

126. Moulmein.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	67·1	62·2	68·9	70·1	7·9	8·2	1·8	9·1	16·4
February	69·8	65·6	72·2	71·6	6·0	6·9	1·0	8·6	15·1
March	73·3	70·2	75·3	74·5	4·3	8·4	2·0	10·9	16·6
April	77·4	74·2	79·0	79·1	4·9	6·5	2·3	9·9	12·2
May	77·1	74·3	78·2	78·9	4·6	3·9	1·3	5·3	7·5
June	76·2	73·9	77·4	77·4	3·5	1·6	0·9	2·5	3·3
July*	75·3	72·8	76·6	76·5	3·7	1·0	0·8	1·7	2·5
August	74·9	72·8	75·9	76·3	3·7	1·1	0·8	1·7	2·2
September	76·7	73·9	78·0	78·2	4·3	2·4	0·9	4·3	5·1
October	76·8	72·8	78·7	78·8	6·0	2·4	1·0	5·6	5·8
November	?	Imperfect.		78·0*	?	?	?	?	8·6
December	70·5	67·5†	71·2†	72·7‡	5·2	7·1	1·2	8·7	13·7
Year	?	?	?	76·0	?	?	?	?	9·1

127. Mergui.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	69·1	61·7	71·9	73·8	12·1	4·2	1·6	7·7	9·5
February	72·2	65·0	75·0	76·6	11·6	3·7	1·6	6·4	8·6
March	75·4	69·1	77·6	79·6	10·5	3·6	1·6	6·7	7·6
April	77·2	71·1	79·3	81·1	10·0	3·9	1·5	7·2	8·4
May	75·6	70·8	77·5	78·4	7·6	2·7	1·4	4·9	5·9
June	74·1	69·3	76·2	76·8	7·5	1·1	1·6	2·2	2·6
July	73·8	68·8	76·3	76·4	7·6	1·2	1·5	2·4	3·2
August	73·9	68·9	76·2	76·5	7·6	1·1	1·6	2·8	2·9
September	74·3	68·9	77·0	77·1	8·2	1·3	1·6	3·6	3·5
October	74·3	68·3	76·8	77·9	9·6	2·7	1·5	5·3	6·3
November	74·7	68·0	77·6	78·5	10·5	2·5	1·6	6·5	6·3
December	72·0	64·7	74·9	76·3	11·6	3·6	1·6	8·0	8·5
Year	73·9	67·9	76·4	77·4	9·5	2·6	1·6	5·3	6·1

* Mean of 29 days. † Mean of 23 days. ‡ Mean of 30 days.

128. Cocos Island.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	?	Untrustworthy.	72·3	72·4	?	?	?	8·7	8·5
February	71·8	68·8*	73·1*	73·4†	4·6	5·4	4·0	8·5	8·1
March	74·7	71·6	76·0	76·4	4·8	4·7	2·6	7·8	8·2
April	Imperfect.								
May	Not recorded.								
June	Ditto.								
July	Ditto.								
August	Ditto.								
September	Ditto.								
October	Ditto.								
November	Ditto.								
December	Ditto.								
Year	?	?	?	?	?	?	?	?	?

* Mean of 28 days.
† ,, ,, 27 ,,

129. Port Blair.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	73·3	69·6	74·6	75·6	6·0	5·3	2·8	6·8	9·1
February	73·9	69·7	75·0	77·0	7·3	5·2	1·7	7·6	9·8
March	76·3	72·2	77·6	79·1	6·9	5·7	3·4	7·1	9·3
April	79·5	76·1	80·9	81·6	5·5	5·3	2·9	8·2	8·9
May	78·6	75·5	80·2	80·0	4·5	3·2	2·8	4·6	5·2
June	76·9	74·2	78·7	77·9	3·8	1·8	1·9	3·4	3·4
July	77·3	74·3	78·9	78·6	4·3	3·2	3·1	5·0	5·0
August	76·8	73·7	78·4	78·3	4·6	3·3	3·4	4·6	4·7
September	76·9	73·9	78·6	78·3	4·4	2·1	1·9	3·5	3·9
October	78·0	74·8	79·8	79·5	4·7	3·2	2·4	5·0	5·7
November	78·2	75·0	80·0	79·6	4·6	2·9	2·6	4·2	4·9
December	76·6	73·7	78·4	77·8	4·1	4·0	3·5	5·5	6·2
Year	76·9	73·6	78·4	78·6	5·1	3·8	2·7	5·5	6·3

130. Nancowry.

Month.	Mean.	Minimum.	10 hours.	16 hours.	Range.	Difference, Dry and Wet Bulb. Mean.	Minimum.	10 hours.	16 hours.
January	73·6	72·2	74·6	74·0	1·8	5·5	3·3	8·7	8·6
February	74·6	72·6	75·8	75·4	2·8	5·4	3·3	8·7	8·7
March	76·7	75·4	77·8	76·9	1·5	5·0	1·7	9·2	9·3
April	77·7	75·7	79·1	78·2	2·5	4·4	1·8	8·5	8·4
May	77·1	74·3	78·9	78·1	3·8	3·2	2·1	6·0	6·0
June	76·6	73·3	78·6	78·0	4·7	2·8	2·4	5·2	5·1
July	77·7	74·7	79·5	78·8	4·1	3·7	2·6	6·8	6·7
August	77·4	74·1	79·7	78·4	4·3	2·6	1·8	5·5	5·7
September	76·8	73·7	79·0	77·7	4·0	1·6	0·9	4·6	4·4
October	76·6	73·6	78·4	77·8	4·2	2·2	1·0	5·0	5·1
November	76·4	73·3	78·2	77·8	4·5	1·9	0·7	4·4	4·8
December	?	Imperfect.			?	?	?	?	?
Year	?	?	?	?	?	?	?	?	?

TABLE XI.—TENSION OF ATMOSPHERIC VAPOUR IN 1888. (137 STATIONS).

1. BAGHDAD. 2. ADEN. 3. BUSHIRE. 4. AMINI DIVI. 5. QUETTA.

Month.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January	·268	·291	·294	·200	·626	·649	·621	·607	·379	·394	·411	·333	·721	·738	·733	·697	·164	·177	·184	·131
February	·315	·336*	·330*	·278†	·692	·718†	·693*	·666‡	·400	·410	·431	·359	·759	·766	·782	·732	·182	·191	·187	·168
March	·368	·386	·411	·307§	·690	·716	·674	·680	·456	·464§	·484	·419§	·799	·807	·827	·767	·232	·250	·236	·211
April	·400	·428†	·384	·387	·925	·975	·927	·873	·518	·508	·542	·504	·856	·862	·882	·828	·268	·287	·279	·237
May	·538	·547	·585§	·481	·960	1·016	·971	·893	·714	·703	·766	·674	·878	·894	·895	·849	·271	·298	·273	·242
June	·599	·664	·680	·453	·962	1·054	·992	·839	·778	·799	·842	·693	·897	·950	·918	·828	·282	·302	·278	·265
July	·647	·698	·755§	·488	·882	·944§	·850	·853§	·899	·951	·937	·808	·878	·917	·913	·810	·457	·505	·453	·412
August	·587	·623	·661	·478	·873	·943	·848	·827	·905	·931	·961	·824	·878	·917	·898	·823	·447	·455	·491	·395
September	·568	·600	·641	·462	·857	·924	·870	·777†	·835	·847	·964	·693	·852	·889	·878	·794	·247	·261	·286	·195
October	·611	·634	·711	·487	·720	·734	·706	·721	·769	·781	·846	·681	·861	·902	·881	·806	·176	·179	·184	·165
November	·367	·394¶	·428**	·279‖	·705	·733	·684	·698	·444	·429	·487	·415	·832	·866	·858	·781	·160	·154	·168	·158
December	·315	·350‖	·345*	·249‖	·627	·651	·605	·626	·362	·373	·374	·338	·744	·770	·757	·711	·158	·154	·171	·148
Year	·465	·496	·519	·381	·793	·838	·787	·755	·622	·633	·670	·562	·830	·857	·852	·786	·254	·268	·266	·227

* Mean of 28 days. † " " 27 " ‡ Mean of 26 days. § " " 30 " ‖ Mean of 29 days. ¶ " " 22 " ** Mean of 25 days.

6. LEH. 7. MOOLTAN. 8. DERA ISMAIL KHAN. 9. PESHAWAR.

Month.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January	·069	·062	·060	·080	·073	?	·259	·263	·345	·168	·175	·197	·214	·115	·203	·218	·215	·177
February	·072	·062	·072	·082	·071	·062	·295	·322	·358	·205	·238	·278	·263*	·174	·256	·274	·268	·227
March	·111	·105	·111	·109	·120	·099	·420	·425	·498	·336	·294	·347	·324	·212	·355	·393	·363	·309
April	·117	·128	·123	·093	·124	·119	?	·371	·551	Imperfect.	·297	·346	·332	·213	·412	·438	·440	·358
May	·130	·131	·140	·122	·125	·122	?	·432	·639	Ditto.	·375	·464	·431	·229	·423	·459	·445	·365
June	·150	·157	·157	·137	·150	·153	·702	·655	·873	·578	·531	·619	·532	·441	·479	·540	·524	·372
July	·243	·223	·262	·266	·219	·225	·836	·835	·948	·726	·743	·844	·768	·616	·757	·828	·765	·679
August	·241	·215	·288	·251	·211	·212	·866	·875	·972	·752	·789	·880	·802	·685	·854	·905	·859	·798
September	·133	·128	·148	·137	·117	·121	?	·689	·792	Dry min. imperfect.	·543	·626	·547	·455	·568	·614	·583	·508
October	·099	·111	·097*	·076*	·111	·106	·544	·505	·730	·396	·359	·427	·377	·272	·381	·433	·399	·312
November	·095	·095	·097	·087	·099	·094*	·361	·352	·453	·278	·284	·323	·326	·202	·305	·327	·330	·259
December	·078	·062	·077	·102	·069	·063	·267	·244	·355	·202	·195	·223	·236	·126	·238	·262	·250	·203
Year	·128	·123	·136	·129	·124	·125	?	·497	·626	?	·402	·465	·429	·312	·436	·474	·453	·381

* Mean of 30 days.

TABLE XI.—TENSION OF ATMOSPHERIC VAPOUR IN 1888.

10. MURREE. 11. RAWALPINDI. 12. SIALKOT. 13. LAHORE.

Month.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	From Minima.
January	·126	·121	·138	·119	·221	·238	·233	·191	·250	·264	·264	·222	·217	·209	·226	·201	·233	·202
February	·159	·153	·183	·142	·291	·321	·299	·254	·339	·364	·361	·293	·302	·283	·312	·282	·329	·273
March	·193	·193	·210	·175	·340	·379	·329	·312	·451	·468	·492	·394	·369	·377	·384	·320	·396	·374
April	·205	·204	·220	·191	·390	·435	·389	·345	·369	·395	·329	·382	·344	·351	·361	·298	·366	·353
May	·212	·219	·203	·214	·441	·484	·507	·333	·346	·342	·296	·401	·347	·374	·346	·293	·373	·388
June	·285	·304	·283	·269	·590	·644	·635	·492	·519	·515	·504	·539	·481	·530	·474	·415	·506	·534‡
July	·534	·561	·558	·484	·869	·925	·923	·758	·842	·893	·871	·762	·838	·854	·842	·778	·878	·822
August	·570	·604	·622	·485	·894	·960	·949	·773	·888	·952	·951	·762	·888	·891	·891	·863	·908	·861
September	·370	·403*	·385*	·322*	·584	·648	·583	·522	·685	·715	·666	·674‡	·639	·660	·627	·585	·685	·642
October	·216	·231	·224†	·194	·415	·475	·436	·334	·427	·429	·392	·459§	·415	·409	·416	·398	·435	·412
November	·180	·186	·190	·165	·384	·431	·452	·269	·344	·353	·360	·318	·332	·325	·337	·318	·347	·316
December	·122	·114	·144	·107	·334	·365	·425	·211	·276	·299	·313	·215	·239	·220	·245	·238	·252	·220
Year	·264	·274	·280	·239	·479	·525	·513	·400	·478	·499	·483	·452	·451	·457	·455	·416	·476	·450

* Mean of 29 days.
† " " 30 "
‡ Mean of 25 days.
§ Mean of 24 days.

14. LUDHIANA. 15. CHAMBA. 16. KAILANG. 17. SIMLA.

Month.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	4 hours.	6 hours.	10 hours.	16 hours.	22 hours.	From Minima.	Mean.	1 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January	·242	·256	·237	·232	·177	·159	Observed previously at 4 A.M.	·178	·200	·169	·167	·100	·105	·118	·077‡	·125	·115	·155	·106
February	·297	·322	·287	·283	·239	·228*		·240	·254	·233	·220	·102	·121	·114	·071	·160	·151	·192	·136
March	·342	·361	·299	·366	·294	·279		·309	·294	·293	·286	·124	·134	·129	·110	·197	·191	·226	·179
April	·289	·280	·242	·344	·311			·301	·355	·293	·293	·314	·161	·166	·168	·150	·195	·201	·205	·180
May	·326	·313	·274	·392	·300			·295	·343	·282	·281	·309	·172	·177	·163	·176†	·227	·219	·244	·219
June	·528	·527	·471	·585	·356			·389	·413	·386	·395	·395	?	·257	·214	Wet min. imperfect.	·337	·337	·380	·295
July	·896	·905	·887	·895	·726			·691	·725	·747	·741	·685	?	·412	·362	Wet min. not recorded.	·546	·559	·588	·492
August	·922	·931	·926	·909	·747			·712	·752	·785	·739	·693	?	·394	·329	Ditto.	·538	·542	·587	·484
September	·713	·741	·669	·730	·571			·533	·568	619	·565	·529	?	·257	·234	Ditto.	·434	·440	·481	·381
October	·443	·457	·403	·470	·330			·300	·340	·368	·311	·314	·128	·130	·124	·129‡	·247	·252	·280	·208
November	·350	·358	·341	·350.	·255			·230	·259	·284	·247	·239	·109	·118	·098	·112	·203	·197	·239	·172
December	·214	·274	·244	·243	·203			·182	·213	·220	·195	·190	·090	·095	·106	·069	·124	·112	·157	·102
Year	·467	·477	·440	·483	·379	Hour of observation changed from April 1st.	?	·391	·394	·372	·362	?	·197	·180	?	·278	·276	·311	·246

* Mean of 28 days.
† " " 23 "
‡ Mean of 27 days.

	18. DELHI.				19. SIRSA.				20. CHAKRATA.				21. MUSSOORIE (*Trgl. S. Office.*)				22. DEHRA.			
MONTH.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	9·30 hours.	15·30 hours.	From Minima.
January	·262	·263	·261	·262	·236	·266	·238	·204	·144	·147	·163	·121	·149	·156	·179	·112	?	·250	·253	Wet minimum not recorded.
February	·325	·318	·341	·315	·286	·327	·279	·252	·177	·182	·205	·143	·170	·175	·209	·127	?	·305	·288	
March	·377	·357	·361	·414	·446	·471	·498	·368	·210	·214	·226	·191	·203	·214	·239	·155	?	·339	·285	
April	·385	·336	·390	·428	·579	·622	·690	·424	·188	·205	·180	·180	·192	·219	·220	·138	?	·285	·231	
May	·465	·421	·474	·501	·673	·725	·814	·481	·223	·232	·231	·207	·252	·294	·285	·178	?	·339	·280	
June	·639	·614	·622	·680	·577	·589*	·563	·578*	·312	·326	·323	·286	·340	·370	·384	·265	?	·456	·380	
July	·926	·921	·926	·931	·803	·840	·792	·777	·558	·573	·587	·513	·560	·587	·595	·499†	?	·822	·850	
August	·946	·950	·978	·911	·839	·859	·810	·847	·548	·575	·581	·487	·554	·577	·591	·494	?	·812	·839	
September	·759	·752	·777	·749	·631	·653	·626	·613	·476	·496	·508	·424	·490	·511	·530	·430	?	·731	·763	
October	·541	·511	·593	·519	·488	·527	·514	·422	·266	·282	·303	·213	·289	·296	·347	·224	?	·475	·451	
November	·423	·374	·544	·351	·332	·361	·346	·290	·218	·215	·250	·188	·238	·254	·274	·185	?	·380	·370	
December	·236	·247	·209	·253	·249	·279	·261	·206	·146	·142	·170	·125	·169	·167*	·212‡	·127*	?	·290	·271	
Year	·524	·505	·540	·526	·512	·543	·536	·455	·289	·299	·311	·257	·301	·318	·339	·245	?	·457	·438	

* Mean of 29 days.
† " " 30 "
‡ Mean of 28 days.

	23. ROORKEE.				24. RANIKHET.				25. PITHORAGARH.				26. MEERUT.				27. BAREILLY.			
MONTH.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January	·258	·282	·254	·238	·181	·195	·197	·151	·195	·224	·186	·175	·254	·261	·255	·246	·277	·299	·280	·251
February	·313	·341	·294	·304	·199	·203	·221	·172	·221	·239	·218	·207	·304	·319	·287	·307	·324	·353	·308	·311†
March	·323	·364	·250	·356	·235	·248	·254	·203	·272	·295	·261	·260	·365	·367	·317	·412	·370	·383	·343	·384§
April	·277	·290	·207	·334	·215	·226	·221	·197	·274	·290	·268	·265	·354	·353	·314	·394	·408	·425	·376	·423*
May	·373	·407	·311	·400	·312	·325	·334	·278	·346	·369	·342	·326	·497	·497	·441	·554	·540	·569	·510	·542
June	·492	·526	·416	·535*	·356	·355*	·390†	·324	·423	·454	·415*	·401	·606	·604	·516	·698	?	·750‖	·728‖	Wet min. imperfect
July	·892	·916	·904	·857	·605	·618‡	·646‡	·551	·657	·674	·688	·610	·942	·939	·943	·944	·972	·994	·999	·923
August	·899	·919	·932	·845	·580	·579	·628	·534	·646	·669	·675	·593	·940	·944	·952	·924	·946	·966	·972	·901
September	·795	·831	·808	·745	·516	·528	·545	·474	·565	·588	·590	·518	·801	·806	·805	·792	·839	·861	·845	·812
October	·509	·555	·490	·481	·318	·335	·353	·267	·389	·429	·376	·363	·526	·530	·528	·521	·559	·604	·531	·542
November	·392	·419	·402	·356	·277	·287	·314	·229	·288	·323	·282	·260	·394	·393	·407	·381	·419	·458	·421	·388
December	·302	·333	·312	·260	·232	·247	·270	·179	·234	·271	·222	·210	·260	·267	·255	·257	·306	·337	·319	·263
Year	·569	·515	·465	·476	·336	·346	·364	·297	·376	·402	·377	·319	·520	·524	·502	·536	?	·583	·551	?

* Mean of 29 days.
† " " 28 "
‡ Mean of 24 days.
§ Mean of 30 days.
‖ " " 26 "

TABLE XI.—TENSION OF ATMOSPHERIC VAPOUR IN 1888.

Month.	28. Agra. Mean.	10 hours.	16 hours.	From Minima.	29. Lucknow. Mean.	10 hours.	16 hours.	From Minima.	30. Gorakhpur. Mean.	10 hours.	16 hours.	From Minima.	31. Jhansi. Mean.	10 hours.	16 hours.	From Minima.
January	·265	·286	·280	·228	·274	·293	·277	·252	·317	·337	·336	·278	·279	·283	·285	·269
February	·346	·363	·374	·300	·319	·334	·311	·311	·334	·348	·315	·339	·341	·349	·336	·339
March	·358	·379	·328	·368	·358	·381	·325	·369	·394	·412	·358	·411	·412	·421	·399	·417
April	·320	·327	·300	·333	·386	·419	·352	·386	·461	·474	·465	·443	·319	·306	·332	·318
May	·450	·477*	·434*	·439*	·518	·556	·479	·520	·603	·633	·598	·577	·349	·336	·308	·404
June	·599	·606	·554	·636	·604	·640	·544	·628	·728	·784	·678	·721	·581	·583	·532	·627
July	·959	·973	·981	·922	·954	·979	·975	·907	·943	·951	·960	·918	·888	·901	·919	·844
August	·939	·956	·959	·903	·933	·958	·950	·892	·929	·931	·959	·898	·883	·898	·915	·835
September	·805	·825	·813	·778	·849	·875	·854	·817	·891	·918	·890	·865	·781	·831	·777	·736
October	·520	·529	·519	·511	·531	·562	·503	·527	·615	·636	·589	·620	·484	·509	·458	·484
November	·385	·397	·398	·360	·391	·414	·384	·376	·455	·479	·466	·419	·338	·346	·341	·328
December	·315	·325	·374	·246	·270	·296	·265	·249	·317	·350	·352	·249	·255	·266	·250	·249
Year	·522	·537	·526	·502	·532	·559	·518	·520	·582	·604	·581	·562	·493	·502	·488	·488

* Mean of 27 days.

Month.	32. Allahabad. Mean.	6 hours.	10 hours.	16 hours.	22 hours.	From Minima.	33. Benares. Mean.	10 hours.	16 hours.	From Minima.	34. Ghazipur. Mean.	10 hours.	16 hours.	From Minima.	35. Katmandu. Mean.	10 hours.	16 hours.	From Minima.
January	·302	·286	·311	·283	·327	·276	·295	·304	·303	·279	·305	·337	·324	·254	·253	·246*	·338	·176
February	·337	·339	·347	·302	·360	·324	·313	·320	·297	·323	·305	·352	·291	·273	·247	·244	·301	·195
March	·321	·351	·328	·256	·347	·333	·314	·333	·251	·359	·350	·409	·321	·319	·354	·356	·407	·300
April	·334	·383	·349	·244	·361	·368	·341	·361	·269	·393	·449	·500	·412	·436	·378	·388	·395	·350
May	·447	·530	·473	·326	·457	·446	·467	·518	·350	·533	·578	·628	·549	·558	·465	·481	·483	·432
June	·617	·664	·619	·525	·659	·629	·606	·595	·540	·682	·651	·711	·627	·615	·559	·566	·567	·545
July	·974	·948	·975	·978	·994	·914	·947	·966	·973	·902	·948	1·003	·994	·847	·687	·706	·711	·643
August	·959	·942	·962	·968	·963	·897	·939	·963	·954	·899	·931	·978	·978	·838	·672	·679	·702	·634
September	·879	·854	·900	·862	·898	·825	·879	·896	·905	·836	·877	·952	·901	·779	·609	·603	·660	·564
October	·555	·571	·584	·463	·603	·557	·558	·571	·522	·581	·580	·648*	·547*	·545*	·441	·454	·494	·374
November	·420	·415	·432	·385	·447	·400	·423	·430	·426	·413	·428	·461	·453	·370	·284	·286	·321	·245
December	·293	·283	·308	·256	·325	·268*	·274	·293	·257	·271	·286	·336	·276	·246	·260	·247	·358	·175
Year	·537	·547	·549	·487	·562	·520	·530	·546	·504	·539	·557	·610	·556	·507	·434	·438	·478	·386

* Mean of 30 days.

Month.	36. Sibsagar. Mean.	10 hours.	16 hours.	From Minima.	37. Tezpur. Mean.	10 hours.	16 hours.	From Minima.	38. Dhubri. Mean.	10 hours.	16 hours.	From Minima.	39. Tura. Mean.	10 hours.	16 hours.	From Minima.	40. Silchar. Mean.	10 hours.	16 hours.	From Minima.
January	·424	·469	·454	·348	·438	·520	·448	·345	·398	·421	·390	·382	?	·389	·386		·411	·480	·399	·354
February	·465	·497	·486	·411	·494	·545	·548	·390	·388	·420	·345	·398	?	·374	·356		·448	·509	·417	·419
March	·589	·619	·614	·533	·624	·671	·683	·518	·564	·604	·537	·550	?	·543‡	·515‡		·606	·645	·613	·561†
April	·682	·699	·714	·632	·688	·710	·759	·594*	·610	·660	·568	·601	?	·680§	·669§		·718	·754	·756	·644
May	·790	·807	·828	·736	·761	·790	·831	·661	·793	·812	·839†	·727	?	Dry bulb thermometer broken.		Wet minimum not recorded.	·799	·834	·827	·735
June	·939	·966	·975	·875	·856	·893	·923	·782*	·854	·909	·922	·821	?				·891	·909	·940	·823
July	·969	·998	·992	·917	·938	·957†	1·009†	·848	·939	·961	·953	·904	?				·930	·949	·952	·889
August	·974	1·004	·997	·922	·946	·997	1·035	·806	·921	·941	·935	·887	?	·870	·877		·930	·958	·951	·882
September	·929	·953	·963	·871	·817	·806	·848	·798	·908	·941	·906	·876	?	·857	·877		·913	·941	·938	·860
October	·791	·822	·837	·714	·750	·789	·796	·665	·754	·774	·748	·739	?	·763	·777		·776	·836	·772	·720
November	·581	·636	·618	·489	?	·667	·642	Wet min. rejected.	·587	·616	·597	·549	?	·578	·583		·619	·660	·654	·543
December	·432	·483	·467	·345	·415	·487	·426	·331	·458	·475	·487	·413	?	·447‖	·458		·445	·500	·440	·396
Year	·714	·746	·745	·649	?	·736	·746	?	·684	·711	·686	·654	?	?	?		·707	·748	·722	·652

* Mean of 29 days.
† „ „ 30 „
‡ Mean of 25 days.
§ „ „ 21 „

Month.	41. Darjeeling. Mean.	10 hours.	16 hours.	From Minima.	42. Pedong. Mean.	10 hours.	16 hours.	From Minima.	43. Purneah. Mean.	10 hours.	16 hours.	From Minima.	44. Durbhunga. Mean.	10 hours.	16 hours.	From Minima.	45. Patna. Mean.	10 hours.	16 hours.	From Minima.
January	·191	·203*	·210†	·161‖	·261	·280	·270	·232	·353	·388	·373	·297	?	Wet bulb imperfect.		·351	·333	·350	·341	·308
February	·218	·233	·238†	·183¶	·289	·310	·296	·260	·351	·378	·357	·317	·360	·378	·329	·373	·331	·357	·308	·327
March	·278	·294	·292¶	·247	·373	·400	·380‖	·336	·487	·551	·465	·445	·499	·533	·451	·514	·372	·408	·333	·375
April	·327	·341*	·370	·270¶	·420	·451*	·434	·374*	·578	·613	·605	·515**	·619	·623	·623*	·610	·450	·466	·418	·467
May	·388	·423	·419*	·323‖	·511	·558*	·530	·444	·821	·876	·871	·716	·791	·813	·751	·809‖	·628	·680	·581	·623
June	·488	·509	·534‡	·422¶	·627	·657	·666*	·558	?	·982	1·015	Wet min. imperfect.	·912	4949	·905	·882	·778	·835	·702	·797
July	·518	·544	·546¶	·463*	·666	·698	·695	·605	?	1·027	1·048	Wet min. rejected.	·967	·968	·992	·942	·968	·994	·984	·925
August	·510	·537	·540*	·452‡	·660	·703	·691	·587‖	?	1·010‖	1·020‖	Do.	·949	·956	·965	·925	·943	·964	·958	·908
September	·468	·497	·499¶	·409*	·619	·664	·645	·549	?	·991	·985	Do.	·923	·943	·913	·913	·908	·949	·897	·878
October	·379	·407	·419§	·312‖	·512	·551	·536¶	·450‖	·742	·803	·734	·688‖	·708	·736	·657	·731	·639	·668	·596	·653
November	·268	·279*	·308* D. & W. bulbs imperfect.	·217*	·368	·384	·386*	·319*	?	·577	·528	Wet min. rejected.	·503	·529	·482	·497	·465	·494	·446	·454
December	?	·190*		·159¶	·286	·302*	·304‖	·253‖	?	·417	·408	Do.	·380	·399	·374	·366	·348	·364	·369	·310
Year	?	·371	?	·302	·466	·497	·486	·414	?	·718	·701	?	?	?	?	·659	·597	·627	·578	·585

* Mean of 29 days.
† „ „ 27 „
‡ „ „ 26 „
§ Mean of 22 days.
‖ „ „ 30 „
¶ Mean of 28 days.
** „ „ 25 „

Month.	46. Gya. Mean.	10 hours.	16 hours.	From Minima.	47. Hazaribagh. Mean.	10 hours.	16 hours.	From Minima.	48. Berhampore. Mean.	10 hours.	16 hours.	From Minima.	49. Burdwan. Mean.	10 hours.	16 hours.	From Minima.	50. Jessore. Mean.	10 hours.	16 hours.	From Minima.
January	·307	·322	·298	·300	·267	·272	·270	·256	·368	·393	·356	·354	·321	·303	·303	·358	·388	·418	·399	·347
February	·337	·347	·312	·351	·267	·268	·251	·260	·385	·403	·357	·396	·369	·347	·326	·434	·434	·472	·427	·403
March	·476	·496	·497	·435	·236	·247	·199	·262	·503	·566	·416	·528	·459	·492	·336	·548	·616	·723	·543	·581
April	·577	·557	·578	·595	·257	·240	·220	·310	·621	·694	·563	·607	·615	·687	·494	·664	·782	·888	·718‡	·740
May	·690	·671	·661	·737	·398	·427	·319	·447	·842	·903	·848	·776	·782	·808†	·760†	·779†	·903	·966	·902	·841
June	·798	·758	·765	·870	·504	·501	·463	·547	·954	1·006	·946	·910	·863	·891	·813	·886	1·000	1·062	1·017	·921
July	·925	·922	·956	·898*	·812	·828	·831	·776	·975	·997	1·003	·926	·937	·937	·936	·938‡	·997	1·028	1·008	·954
August	·915	·911	·931	·904	·803	·815	·823	·772	·987	1·012	1·030	·920	·928	·926	·924	·934	·983	1·007	·999	·942
September	·875	·873	·881	·872	·746	·771	·746	·720	·945	·974	·947	·915	·894	·899	·887	·897	·973	1·009	·982	·928
October	·635	·624	·605†	·677	·502	·501	·504	·500	·777	·801	·746	·784	·725	·738	·692	·745	·801	·836	·800	·766
November	·484	·466	·461‡	·524	·409	·418	·420	·389	·601	·632	·596	·575	·566	·578‡	·555‡	·566‡	·613	·648§	·626§	·564§
December	·340	·323	·347*	·349	·244	·265	·234	·232	·419	·438	·429	·391	·347	·347	·340	·353	·425	·469	·438	·368
Year	·613	·606	·608	·626	·454	·463	·440	·456	·698	·735	·686	·674	·651	·663	·614	·675	·743	·794	·738	·696

* Mean of 30 days. ‡ Mean of 29 days. ‖ Mean of 25 days.
† „ „ 28 „ § „ „ 27 „

Month.	50. Dacca. Mean.	10 hours.	16 hours.	From Minima.	52. Chittagong. Mean.	10 hours.	16 hours.	From Minima.	53A. Calcutta (*Chowringhee*). Mean.	10 hours.	16 hours.	From Minima.	53B. Calcutta (*Alipore*). Mean.	6 hours.	10 hours.	16 hours.	22 hours.	From Minima.
January	·410	·426	·408*	·397	·462	·502	·480	·404	·409	·388	·395	·380	·390	·380	·359	·350	·417	·375
February	·445	·459	·421	·454	·527	·576	·531	·473	·489	·475	·447	·460	·485	·487	·434	·374	·513	·455
March	·674	·716	·613	·692	·714	·737	·754	·650	·712	·727	·591	·687	·702	·734	·685	·526	·743	·639
April	·828	·870	·817	·798	·825	·850	·858	·768	·863	·887	·822	·793	·869	·358	·826	·751	·854	·748
May	·928	·951	·973	·860	·890	·916	·932	·823	·953	·975	·941	·853	·938	·896	·895	·852	·880	·811
June	·997	1·017	1·005	·969	·941	·968	1·010	·846	·992	·999§	·978†	·890§	·993	·957	·933	·897	·946	·867
July	·980	·992	·980	·967	·913	·930	·944	·866	1·007	1·017	1·022	·941	·980	·938	·953	·964	·945	·896
August	·966	·973	·964	·961	·905	·922	·945	·848	·980	·994	·998	·926	·970	·944	·945	·953	·964	·886
September	·958	·965	·956	·954	·931	·958	·967‡	·868	·960	·971	·944	·923	·966	·948	·928	·900	·959	·908
October	·806	·808	·784	·826†	·847	·881	·884	·775	·828	·795	·771	·790	·812	·807	·758	·725	·819	·768
November	·635	·676	·658	·570	·676	·720	·685	·623	·635	·620	·606	·604	·635	·615	·607	·582	·644	·597
December	·466	·499	·489	·411	·493	·537	·509	·434	·432	·440	·400	·397	·414	·397	·408	·353	·444	·389
Year	·758	·779	·756	·738	·760	·791	·792	·698	·772	·774	·743	·720	·763	·747	·728	·686	·761	·695

* Mean of 30 days. ‡ Mean of 29 days. § Mean of 27 days.
† „ „ 28 „

	54. SAUGOR ISLAND.					55. CUTTACK.				56. FALSE POINT.				57. SAMBALPUR.			
MONTH.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January .	·447	·452	·441	·446	·450	·410	·478	·480	·488	·465	·553	·597	·592	·469	·367	·300§	·388§	·414
February .	·607	·618	·579	·594	·638	·532	·586	·609	·545	·605	·639	·656	·655‡	·607	?	Wet bulb imperfect.		·481
March .	·847	·826	·851	·866	·846	·782	·667	·732	·564	·706	·834	·850	·873	·780	·431	·440	·377	·476
April .	·954	·928	·968	·983	·935	·899	·834	·868	·785	·850	·950	·962	·968	·920	·424	·432	·347	·493
May . .	·989	·956	1·021	1·015	·965	·914*	·844	·859	·802*	·871	·971	·986	·989	·938	·555	·547	·470	·649
June . .	1·052	1·029	1·062	1·086	1·032	·956	·825	·851	·764	·859	·983	1·015	1·020	·915	·760	·763	·710	·806
July . .	·996	·981	1·002	1·013	·990	·943	·850	·883	·895	·891	·934	·940	·955	·906	·873	·888	·889	·841
August .	·989	·968	·996	·998	·993	·946	·905	·906	·930*	·886	·931	·951	·954	·888	·881	·993	·911	·829
September .	·966	·944	·989	·962	·967	·918	·890	·896	·891†	·882	·921	·942	·923	·897	·877	·899	·894	·839
October .	·810	·783	·854	·795	·809	·755	·707	·704	·669	·747	·780	·793	·774	·774	·659	·684	·650	·644
November .	·666	·646	·689	·666	·663	·614	·629	·652	·621	·615	·704	·745	·710	·656	·580	·602	·573	·564
December .	·463	·441	·506	·470	·438	·392*	·385	·388	·374	·394	·493	·520	·533	·426	·349	·391	·325	·330
Year . .	·816	·798	·830	·825	·811	·755	·720	·736	·694	·730	·808	·830	·829	·765	?	?	?	·614

* Mean of 30 days. † Mean of 29 days. ‡ Mean of 28 days. § Mean of 24 days.

	58. RAIPUR.				59. NAGPUR.				60. SEONI.				61. JUBBULPORE.				62. SAUGOR.			
MONTH.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January .	·360	·374	·336	·371	·391	·403	·398	·371	·323	·312	·341	·317	·350	·353	·369	·328	·282	·287	·297	·263
February .	·353	·363	·325	·371	·402	·418	·403	·386	·347	·355	·331	·356	·382	·369	·403	·374	·319	·322	·327	·315
March .	·286	·285	·243	·329	·372	·395	·382	·340	·290	·278	·253	·340	·337	·345	·294	·372	·285	·296	·246	·314
April .	·279	·313	·226	·297	·358	·364	·369	·342	·268	·264	·242	·298	·395	·290	·266	·360	·253	·238	·218	·304
May .	·340	·363	·281	·377	·382	·431	·357	·358	·302	·328*	·283*	·296*	·395	·381	·314	·489	·306	·336	·258	·325
June .	·641	·682	·577	·664	·756	·815	·740	·713	·629	·658	·593	·636	·642	·668	·570	·688	·610	·646	·559	·626
July .	·818	·842	·830	·782	·813	·843	·843	·752	·760	·780	·780	·720	·810	·832	·816	·783	·810	·824	·828	·777
August .	·807	·824	·811	·786	·800	·823	·822	·754	·746	·772	·767	·700	·798	·818	·801	·775	·802	·816	·829	·760
September .	·751	·776	·709	·767	·743	·792	·721	·715	·681	·704	·682	·658	·744	·765	·727	·739	·769	·826	·772	·709
October .	·489	·517	·409	·542	·506	·559	·476	·484	·479	·484	·495	·459	·484	·512	·434	·506	·463	·502	·439	·448
November .	·479	·501	·442	·495	·520	·555	·531	·475	·475	·502	·497	·425	·403	·416†	·404†	·389‡	·333	·342	·321	·335
December .	·240	·245	·206	·270*	·278	·290	·288	·257	·265	·263	·258	·273	·217	·264	·241	·237	·217	·218	·210	·223
Year . .	·487	·507	·450	·504	·527	·557	·528	·496	·464	·475	·460	·457	·491	·501	·470	·503	·454	·471	·442	·450

* Mean of 30 days. † Mean of 27 days. ‡ Mean of 26 days.

Month.	63. Pachmarhi.				64. Hoshangabad.				65. Khandwa.				66. Chanda.				67. Sironcha.			
	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January	·302	·308	·331	·266	·368	·383	·380	·341	·366	·383	·364	·351	·420	·428	·412	·420	·499	·542	·498	·457
February	·318	·312	·336	·305	·405	·401	·418	·396	·381	·401	·372	·370	·419	·433	·377	·448	·481	·522	·430	·492
March	·263	·251*	·244	·295	·352	·355	·315	·387	·338	·360	·337	·316	·366	·363	·299	·436	·485	·549	·388	·519
April	·230	·232	·203	·256	·300	·301	·246	·354	·387	·426	·402	·332	·366	·379	·293	·426	·553	·661	·428	·569
May	·308	·311	·286	·326	·454	·498	·432	·432	·375	·440	·304	·381	·414	·461	·332	·450	·599	·659	·531	·607
June	·577	·620	·570	·542	·739	·785	·674	·757	·718	·753	·672	·730	·723	·746	·687	·737	·780	·803	·755	·783
July	·652	·672	·683	·602	·819	·833	·819	·804	·792	·795	·811	·769	·784	·781	·787	·783	·847	·845	·881	·814
August	·633	·648	·662	·589	·814	·818	·835	·789	·763	·764	·784	·742	·775	·775	·766	·785	·849	·851	·875	·822
September	·588	·625	·606	·534	·763	·786	·762	·742	·715	·748	·701	·695	·791	·798	·800	·775	·846	·882	·832	·823
October	?	·386	·391	Wet Min. imperfect.	·539	·568	·507	·542	·495	·532	·463	·491	·584	·607	·573	·572	·628	·680	·571	·634*
November	·368	·382	·402	·320	·414	·420	·431	·390	·425	·456	·432	·386	·576	·602	·571	·556	·671	·707	·668	·639
December	·194	·192	·198	·193	·264	·279	·279	·235	·243	·266	·242	·221	·334	·355	·321	·327	·435	·467	·443	·396
Year	?	·412	·409	?	·519	·536	·508	·514	·500	·527	·490	·482	·546	·561	·518	·560	·639	·681	·608	·630

* Mean of 30 days.

Month.	68. Chikalda.				69. Buldana.				70. Akola.				71. Amraoti.				72. Neemuch.			
	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January	·324	·331	·341	·299	·349	·368	·346	·334	·387	·403	·384	·375	·372	·391	·379	·345	·257	·262	·288	·222
February	·314	·327	·313	·303*	·319	·343	·290	·324	·372	·387	·350	·378	·361	·396	·346	·341	·374	·371	·430	·320
March	·274	·276	·275	·272	·270	·280	·251	·278	·346	·356	·311	·370	·360	·383	·359	·339	·327	·318	·314	·349
April	·255	·268	·245	·253	·257	·275	·232	·263	·301	·311	·275	·317	·335	·375	·354	·277	·405	·396	·408	·412
May	·310	·356	·257	·316	·325	·390	·231	·354	·362	·417	·273	·397	·376	·437	·358	·334	·472	·461	·443	·512
June	·642	·692	·634	·601	·665	·712	·623	·661	·716	·759	·642	·748	·724	·780	·691	·701	·703	·750†	·701‡	·659
July	·658	·662	·695	·618	·703	·723	·716	·671	·790	·800	·794	·776	·782	·809	·803	·733	·814	·832	·848	·763
August	·642	·643	·680	·604	·695	·715	·726	·645	·764	·769	·772	·752	·749	·771	·756	·721	·790	·795§	·811	·765§
September	·625	·656	·646	·574	·645	·691	·614	·629	·717	·754	·689	·707	·721	·760	·695	·708*	·647	·650	·629	·662
October	·423	·440	·441	·389	·435	·460	·414	·430	·512	·549	·480	·508	·459	·503	·430	·443	·468	·499	·454	·450
November	·426	·443	·452	·384	·453	·473	·437	·448	·502	·536	·492	·478	·480	·513	·472	·455	·366	·365	·401	·332
December	·262	·271	·276	·238	·252	·266	·237	·253	·285	·297	·282	·275	·294	·310	·322	·249	·269	·286	·293	·227
Year	·430	·447	·438	·404	·447	·475	·426	·441	·505	·528	·479	·507	·501	·536	·497	·471	·491	·499	·502	·473

* Mean of 24 days. † Mean of 29 days. ‡ Mean of 26 days. § Mean of 30 days.

	73. NOWGONG.				74. SUTNA.				75. INDORE.				76. BICKANEER.			
MONTH.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January	·266	·272	254	·273	·271	·284	·263	·267	·321	·335	·327	·300	·106	·066*	·116	·137
February	·329	·316	·313	·359	·293	·287	·273	·319	·360	·375	·351	·354	·130	·077†	·139	·174
March	·327	·307	·268	·405	·265	·270	·205	·321	·288	·292	·258	·314	·237	·181	·257	·274
April	·289	·271	·236	·360*	·212	·202	·170	·264	·283	·302	·241	·307	·335	·289	·351	·366
May	·346	·334	·307	·398	·268	·270	·214	·319	·342	·376	·274	·377	·372	·338	·338	·439
June	·714	·726	·714	·702	·566	·596	·525	·577	·702	·766	·643	·696	·462	·451	·430	·506
July	?	·915	·951	Wet min. imperfect.	·867	·884	·893	·823	·750	·762	·753	·736	·526	·497	·519	·563
August	·857	·856	·885	·830	·844	·863	·869	·801	·732	·741	·743	·713	·561	·541	·569	·574
September	·782	·810	·759	·778	·780	·810	·770	·759	·659	·699	·622	·656	·531	·512	·487	·594
October	·479	·511	·418	·509	·456	·485	·380	·504	·429	·440	·400	·446	·446	·418	·415	·505
November	·374	·378	·369	·376	·341	·352	·314	·356	·342	·362	·350	·315	·272	·241	·239	·336
December	·283	·293	·295	·262	·213	·236	·183	·221	·219	·234	·220	·204	·180	·161	·165	·215
Year	?	·499	·481	?	·448	·462	·422	·461	·452	·474	·432	·452	·347	·314	·335	·390

* Mean of 29 days. † Mean of 28 days.

	77. JEYPORE.						78. SAMBHAR.				79. AJMERE.				80. MOUNT ABU.			
MONTH.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January	·230	·216	·232	·231	·242	·221	·248	·256	·306	·182	·232	·240	·263	·192	·235	·235	·250	·221
February	·304	·302	·299	·285	·328	·303	·332	·346	·358	·292	·270	·283	·280	·248	·246	·247	·258	·234
March	·334	·346	·329	·298	·361	·360	·347	·383	·340	·318	·328	·343	·328	·313	·262	·272	·264	·251
April	·319	·320	·331	·269	·354	·354	·389	·467	·411	·289	·406	·420	·427	·371	·279	·296	·290	·250
May	·358	·382	·392	·293	·364	·379	·345	·445	·256	·334	·456	·473	·454	·442	·293	·315	·301	·263
June	·558	·577	·614	·496	·546	·572	·587	·686*	·541†	·535*	·692	·753	·708	·615	·591	·630	·595	·547
July	·843	·834	·852	·833	·853	·812	·781	·805	·765	·774	·807	·835	·817	·768	·644	·656	·658	·617
August	·862	·837	·858	·887	·866	·813	·828	·833	·858	·793	·809	·819*	·865	·742	·625	·635	·656	·585
September	·627	·630	·637	·581	·661	·619	·624	·660	·623	·589	·630	·661	·656	·574	·504	·511	·554	·446
October	·447	·437	·451	·429	·469	·436	·418	·468	·406	·384	·421	·448	·438	·378	·307	·306	·296	·318
November	·348	·338	·348	·340	·366	·332	·310	·349	·292	·288	·380	·406	·418	·315	·244	·236	·247	·250
December	·233	·228	·234	·231	·240	·222	·237	·247	·274	·189	·263	·281	·305	·202	·191	·190	·194	·189
Year	·455	·454	·465	·431	·471	·452	·454	·495	·453	·414	·475	·497	·497	·430	·368	·377	·380	·348

* Mean of 24 days. † Mean of 23 days.

Month.	81. Pachpadrá. Mean.	10 hours.	16 hours.	From Minima.	82. Jacobabad. Mean.	10 hours.	16 hours.	From Minima.	83. Hyderabad. Mean.	10 hours.	16 hours.	From Minima.	84. Kurrachee. Mean.	10 hours.	16 hours.	From Minima.	85. Bhuj. Mean.	10 hours.	16 hours.	From Minima.
January	·247	·231	·252	·168*	·188	·199	·187	·178	·244	·229	·282	·220	·311	·292	·309	·255	·252	·261	·267	·228
February	·310	·312	·322	·297	·283	·304	·254	·290	·342	·332	·380	·314	·444	·392	·420	·391	·399	·417	·388	·392
March	·435	·440	·491	·375	·291	·298	·256	·320	·430	·397	·462	·431	·624	·586	·565	·622	·410	·440	·338	·452
April	·551	·600†	·625†	·427†	·293	·318	·226	·335	·523	·509	·545	·514	·757	·721	·735	·704	·496	·489	·422	·578
May	·632	·722	·793	·380†	·254	·294	·152	·316	·558	·540	·593	·540	·783	·703	·797	·730	·546	·543*	·448	·646*
June	·730	·792	·822	·576	·558	·677	·414†	·583	·792	·785	·788	·804	·948	·918	·960	·892	·761	·760	·738	·785
July	·827	·881	·901	·700*	·776	·811	·819	·697	·808	·795	·803	·825	·910	·904	·924	·881	·791	·794	·813	·765
August	·793	·795	·820	·764	·766	·815	·693	·789	·793	·789	·800	·791	·850	·858	·866	·812	·770	·792	·786	·732
September	·651	·677	·713	·563†	·596	·668	·500	·621	·701	·689	·708	·706	·796	·790	·815	·767	·673	·679	·653	·688
October	·420	·456	·478	·325	·381	·388*	·353*	·403*	·544	·571	·554	·507	·622	·612	·690	·587	·475	·508	·419	·498
November	·328	·336	·398	·249	·266	·267	·269	·261	·321	·330	·326	·307	·386	·393	·436	·309	·364	·379	·366	·347
December	·207	·203	·240	·177	·200	·203	·200	·196	·275	·281	·298	·246	·353	·330	·388	·261	·248	·254	·260	·230
Year	·508	·537	·571	·417	·404	·437	·360	·416	·528	·521	·545	·517	·649	·625	·659	·601	·515	·526	·492	·528

* Mean of 30 days. † Mean of 29 days.

Month.	86 Rajkot. Mean.	10 hours.	16 hours.	From Minima.	87. Deesa. Mean.	10 hours.	16 hours.	From Minima.	88. Surat. Mean.	10 hours.	16 hours.	From Minima.	89. Malegaon. Mean.	10 hours.	16 hours.	From Minima.
January	·308	·286	·371	·268	·286	·256	·245	·244	?	·483	·477	?	·360	·387	·353	·341
February	·392	·404	·421	·351	·276	·307	·285	·216	·484	·508	·495	·449	·335	·364	·324	·318
March	·546	·549	·585	·503	·327	·313	·230	·350	·545	·584	·500	·550	·295	·315	·299	·272
April	·557	·568	·517	·586	·495	·510	·432	·468	·605	·602	·560	·654	·325	·327	·334	·314
May	·561	·612	·416*	·656‡	·579	·602	·433	·603	·751	·759	·735	·758	·387	·404	·339	·418
June	·730	·739	·660	·792	·721	·731	·570	·738	·848	·844	·821	·879	·692	·708	·676	·693
July	·766	·754	·778	·765	·790	·774	·720	·808	·870	·888	·875	·847	·710	·725	·701	·704
August	·788	·798	·796	·769	·785	·791	·757	·765	·839	·874	·865	·778	·676	·684	·681	·662
September	·723	·750	·709	·711	·626	·656	·548	·637	·826	·843	·855	·780	·656	·673‡	·672‡	·624‡
October	·514	·442	·476	·523	·362	·394	·302	·368	·762	·806	·839	·641	·436	·473	·406	·428
November	·460	·482	·484	·415	·280	·277	·247	·287	·623	·641	·701	·527	·423	·444	·431	·394
December	·251	·270	·214	·268	·192	·170	·159	·185	·389	·350	·452	·365	·238	·277	·252	·185
Year	·550	·563	·536	·551	·477	·482	·411	·472	?	·682	·681	?	·461	·482	·456	·446

* Mean of 29 days. † Mean of 28 days. ‡ Mean of 27 days.

90. BOMBAY. 91. POONA. 92. SHOLAPUR. 93. RATNAGIRI.

Month.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January .	·613	·591	·608	·629	·628	·566	·400	·384	·326	·409	·396	·433	·388	·366	·576	·563	·654	·510
February .	·639	·615	·632	·651	·656	·579	·363	·345	·276	·397	·335	·381	·304	·320	·611	·630	·695	·508
March .	·760	·738	·751	·774	·778	·696	·367	·294	·252	·433	·354	·364	·337	·360	·722	·739	·781	·646
April . .	·826	·811	·817	·831	·844	·775	·382	·288	·276	·425	·370	·388	·330	·422	·792	·783	·811	·782
May . .	·860	·852	·863	·860	·865	·819	·501	·446	·398	·546	·462	·469	·399	·517	·807	·804	·806	·812
June . .	·931	·916	·941	·937	·930	·865	·697	·672	·672	·689	·678	·695	·638	·700	·856	·871	·882	·815
July . .	·911	·904	·925	·912	·901	·842	·717	·731	·708	·695	·707	·723	·694	·704	·858	·887	·881	·806
August .	·869	·858	·885	·867	·865	·816	·692	·709	·687	·675	·647	·658	·622	·660	·842	·877	·875	·774
September .	·856	·847	·877	·852	·846	·813	·696	·696	·698	·665	·664	·683	·628	·681	·828	·858	·864	·762
October .	·827	803	·811	·866	·829	·758	·536	·522	·478	·587	·503	·531	·445	·532	·738	·709	813	·693
November .	·747	·721	·737	·773	·756	·670	·534	·534	·479	·546	·564	·582	·552	·559	·699	·667	·776	·655
December .	·612	·577	·581	·659	·631	·535	·315	·299	·260	·345	·346	·361	·334	·344*	·548	·493	·673	·479
Year . .	·788	·769	·786	·800	·794	·728	·517	·493	·459	·534	·502	·520	·473	·514	·740	·740	·793	·687

* Mean of 30 days.

94. BELGAUM. 95. KARWAR. 96 GOPALPUR. 97. VIZAGAPATAM. 98. RAJAHMUNDRY.

Month.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	From Minima.	Mean.	10 hours.	15 hours.	From Minima.
January .	·399*	·387	·358	·408*	·637	·655	·660	·595	?	·564	·580	Wet minimum not recorded.	·578	·578	·559	·576	·600	·444	·478	·492	·427	·519
February .	·356	·319	·291	·414	·655	·657	·686	·622	?	·703	·763		·656	·642	·625	·666	·690	·537	·520	·559	·429	·592
March .	·423	·338	·392	·440	·761	·751	·792	·739	?	·820	·868		·740	·749	·687	·745	·779	·598	·591	·620	·498	·675
April . .	·510	·376	·537	·540	·818	·816	·844	·793	?	·921	·927		·857	·855	·835	·853	·884	·745	·711	·719	·619	·795
May . .	·583	·515	·595	·576	·826	·837	·861	·781	?	·958	·987		·875	·891	·846	·863	·899	·772	·708	·725	·614	·792
June . .	·675	·682	·690	·647	·835	·880	·875	·751	?	1·009	1·004		·857	·855	·833	·859	·879	·759	·703	·709	·646	·769
July . .	·679	·703	·690	·632	·840	·880	·867	·773	?	·948	·965		·830	·822	·834	·826	·839	·726	·752	·740	·724	·794
August .	·665	·684	·675	·633	·833	·863	·855	·780	?	·957	·958		·833	·839	·821	·823	·848	·736	·756	·745	·722	·801
September	·657	·670	·680	·610	·829	·838	·847	·802	?	·922	·931		·855	·861	·851	·839	·867	·767	·753	·766	·701	·795
October .	·562	·567	·523	·569	·829	·829	·862	·796	?	·759	·756		·755	·771	·729	·738	·782	·694	·612	·616	·549	·381
November	·529	·534	·509	·530	·747	·750	·782	·708	?	·715	·707		·716	·724	·694	·706	·741	·612	·634	·632	·616	·661
December	·348	·352	·312	·378	·579	·569	·627	·541	?	·468	·480		·515	·525	·493	·504	·538	·453	·441	·452	·404	·483
Year .	·532	·511	·521	·531	·766	·777	·797	·723	?	·815	·827		·736	·759	·734	·750	·779	·654	·639	·648	·579	·671

* Mean of 30 days.

TABLE XI.—TENSION OF ATMOSPHERIC VAPOUR IN 1888.

Month.	99 Masulipatam. Mean.	10 hours.	16 hours.	From Minima.	100. Secunderabad. Mean.	10 hours.	16 hours.	22 hours.	From Minima.	101. Kurnool. Mean.	10 hours.	15 hours.	From Minima.	102. Bellary. Mean.	10 hours.	16 hours.	From Minima.
January	·698	·759	·774	·588	·460	·467	·471	·458	·439	·425	·471	·400	·421	·426	·470	·396	·427
February	·726	·795	·768	·636	·450	·468	·448	·438	·442	·335	·371	·286	·363	·369	·408	·338	·379†
March	·806	·887	·888	·740	·530	·557	·505	·516	·528	·368	·391	·313	·411*	·398	·436	·385	·382*
April	·942	·942	·977	·907	·582	·600	·519	Discontinued.	·632	·465	·492	·388	·521	·528	·575	·484	·537*
May	1·010	1·052	1·055	·924	·623	·661	·569		·652	·538	·573	·481	·569	·573	·605	·537	·598
June	·965	1·010	·995	·906	·699	·720	·668		·715	·648	·673	·611	·661	·668	·681	·659	·672
July	·824	·816	·820	·840	·692	·698	·680		·701	·666	·695	·637	·671	·667	·677	·664	·664
August	·794	·786	·778	·820	·707	·717	·703		·707	·647	·669	·626	·649	·677	·685	·666	·677
September	·828	·844	·800	·836	·686	·703	·671		·688	·685	·728	·667	·664	·688	·697	·678	·686
October	·763	·770	·729	·786	·554	·585	·532		·556	·562	·613	·507	·576	·548	·632	·545	·551*
November	·734	·767	·749	·704	·585	·600	·567		·594	?	·646	·603	Wet min. imperfect.	·613	·654	·604	·606†
December	·566	·591	·573	·543	·374	·390	·362		·384	?	·464	·392	Wet min. not recorded.	·453	·507	·444	·426‡
Year	·805	·835	·826	·769	·579	·597	·558	?	·587	?	·566	·493	?	·551	·586	·533	·550

* Mean of 29 days. † Mean of 28 days. ‡ Mean of 30 days.

Month.	103. Mangalore. Mean.	10 hours.	16 hours.	From Minima.	104. Mercara. Mean.	10 hours.	16 hours.	From Minima.	105. Bangalore. Mean.	10 hours.	15 hours.	22 hours.	From Minima.	106. Cuddapah. Mean.	10 hours.	15 hours.	From Minima.	107. Madras. Mean.	10 hours.	16 hours.	22 hours.	From Minima.
January	·629	·608	·668	·610	·432	·449	·438	·409	·462	·476	·475	·461	·435	·560	·589	·562	·541	·672	·686	·683	·679	·678
February	·706	·696	·755	·668	·392	·394	·394	·389	·452	·479	·469	·428	·432	·519	·560	·458	·548	·706	·702	·710	·726	·681
March	·796	·807	·819	·763	·343	·391	·426	·211	·516	·564	·538	·464	·464	·529	·563	·446	·586	·791	·759	·808	·805	·761
April	·852	·865	·864	·828	·586	·568	·637	·554	·558	·641	·524	Discontinued.	·522	·596	·637	·510	·650	·949	·925	·964	·967	·908
May	·849	·866	·877	·805	·584	·592	·633	·527*	·592	·648	·566		·582	·611	·645	·534	·657	·941	·953	·962	·907	·902
June	·853	·882	·892	·784	·588	·622	·615	·528	·622	·637	·639		·600	·649	·661	·600	·687	·856	·845	·879	·898	·792
July	·865	·907	·894	·793	·582	·611	·599	·537	·617	·623	·627		·594	·676	·685	·643	·710	·846	·825	·860	·878	·808
August	·841	·881	·870	·773	·576	·598	·593	·538	·621	·635	·655		·581	·678	·687	·642	·707	·833	·825	·858	·869	·787
September	·825	·836	·848	·791	·572	·588	·612	·515	·613	·626	·627		·586	·709	·716	·672	·738	·864	·849	·873	·930	·822
October	·857	·872	·886	·813	·551	·577	·572	·505	·598	·634	·602		·582	·700	·727	·658	·726	·863	·890	·864	·859	·822
November	·762	·765	·789	·731	?	·546	·558	?	·561	·582	·560		·549	·702	·715	·687	·711	·820	·840	·824	·835	·791
December	·603	·567	·667	·574	?	·438	·440	?	·436	·452	·434		·433	·551	·577	·516	·564	·695	·726	·694	·700	·663
Year	·787	·796	·819	·744	?	·531	·543	?	·554	·583	·560	?	·530	·623	·647	·661	·652	·820	·817	·832	·838	·785

* Mean of 23 days.

108. SALEM. 109. WELLINGTON. 110. CALICUT. 111. COIMBATORE.

Month.	Mean.	10 hours.	16 hours.	22 hours.	From Minima.	Mean.	10 hours.	16 hours.	22 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January	·593	·631	·678	·646	·438	·338	·349	·401	·355	·260	·670	·653	·709	·647	·536	·626	·605	·403
February	·559	·624	·632	·591	·418	·281	·247	·316	·320	·240	·721	·697	·766	·699	?	·636	·584	Dry min. imperfect.
March	·692	·719	·686	·691	·659	·314	·274	·335	·345	·293	·823	·809	·858	·801	?	·682	·596	
April	·852	·889	·897		·794	·377	·369	·394		·377	·896	·886	·923	·879	?	·764	·709	
May	·807	·833	·775		·819	·459	·480	·481		·410	·882	·881	·914	·851	?	·770	·724	
June	·821	·826	·869		·779	·434	·448	·472		·400	·856	·862	·899	·806	?	·714	·731	
July	·823	·853	·859		·768	·400	·416	·424		·367	·866	·889	·880	·830	?	·712	·711	
August	·783	·816	·777		·760	·430	·456	·458		·387	·840	·857	·874	·789	?	·711	·737	
September	·780	·790	·801		·759	·442	·468	·474		·391	·844	·856	·865	·811	?	·742	·773	
October	·773	·792	·809		·732	·435	·459	·474		·391	·858	·876	·872	·825	?	·742	·714	
November	?	·798	·838		Dry min. not recorded.	·425	·464	·465		·376	·809	·819	·824	·784	?	·735	·729	
December	?	·670	·724			·344	·382	·409		·270	·702	·689	·733	·684	?	·664	·709	
Year	?	·770	·779	?	?	·390	·401	·425	?	·347	·814	·815	·843	·784	?	·708	·694	

Discontinued. Discontinued. Dry min. not recorded.

112. TRICHINOPOLY. 113. NEGAPATAM. 114. MADURA. 115. COCHIN.

Month.	Mean.	10 hours.	16 hours.	22 hours.	From Minima.	Mean.	10 hours.	16 hours.	22 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	22 hours.	From Minima.
January	·650	·677	·630	·696	·592	·709	·728	·716	·712	·678	·631	·640	·667	·597	·703	·656	·705	·756	·688
February	·651	·674	·595	·696	·610	·711	·721	·725	·724	·676	·625	·651	·647	·594	·729	·697	·726	·765	·722
March	·695	·723	·607	·743	·690	·779	·796	·778	·782	·750	·679	·696	·696	·657	·845	·824	·846	·848	·854
April	·781	·807	·755		·792	·908	·901	·948		·881	·730	·788	·697	·715	·893	·896	·905		·882
May	·778	·805	·757		·783	·892	·895	·948		·843	·724	·796	·706	·684	·879	·890	·892		·861
June	·691	·703	·666		·709	·792	·724	·873		·717	·636	·674	·633	·616	·848	·869	·876		·804
July	·650	·678	·657		·656	·805	·786	·842		·724	·601	·625	·597	·590	·849	·870	·867		·814
August	·672	·697	·654		·673	·810	·795	·864		·780	·629	·652	·627	·617	·839	·865	·845		·810
September	·730	·760	·733		·705	·846	·843	·924		·788	·674	·702	·678	·646	·850	·859	·862		·830
October	·764	·772	·763		·764	·867	·876	·885		·837	·713	·746	·701	·700	·843	·852	·857		·824
November	·768	·788	·777		·739	·835	·872	·848		·796	·740	·750	·757	·703	·817	·836	·804		·810
December	·647	·668	·662		·623	·725	·735	·750		·695	·664	·685	·689	·625	·718	·711	·725		·723
Year	·706	·729	·688	?	·695	·807	·806	·842	?	·764	·671	·700	·675	·645	·818	·819	·826	?	·802

Discontinued. Discontinued. Discontinued.

Station.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
116. Colombo	·715	·722	·805	·864	·854	·833	·817	·811	·795	·810	·826	·760	·801
117. Jaffna	·708	·705	·841	·988	·977	·936	·926	·964	·952	·921	·882	·782	·882
118. Trincomalee	·731	·748	·830	·897	·883	·857	·850	·808	·788	·866	·853	·785	·825
119. Batticaloa	·758	·799	·863	·940	·895	·846	·822	·857	·910	·929	·859	·795	·856
120. Hambantota	·700	·673	·786	·847	·841	·809	·776	·783	·767	·818	·836	·815	·788
121. Galle	·849	·851	·932	1·005	·957	·930	·945	·928	·942	·918	·914	·875	·921
122. Kandy	·620	·676	·793	·712	·726	·724	·697	·676	·670	·687	·683	·648	·693
123. Newera Eliya	·323	·264	·361	·427	·440	·430	·403	·420	·446	?	?	?	?

Month.	124. Bhamo. Mean.	10 hours.	16 hours.	From Minima.	125. Kendat. Mean.	10 hours.	16 hours.	From Minima.	126. Mandalay. Mean.	10 hours.	16 hours.	From Minima.	127. Akyab. Mean.	10 hours.	16 hours.	From Minima.	128. Thayetmyo. Mean.	10 hours.	16 hours.	From Minima.
January	?	·453	·494	Shade min. untrustworthy.	?	·542	·656	Wet min. untrustworthy.	·428	·481	·440	·363	·474	·529	·496	·398	·499	·536	·571	·391†
February	?	·468	·448	Do.	?	·521	·640		·421	·471	·414	·377	·538	·567	·604	·443	·500	·559	·512	·428
March	·521	·536	·522	·504*	?	·595	·537		·449	·498	·404	·444	·672	·700	·738	·577	·557	·625	·561	·486
April	·656	·670	·720	·578	?	·672	·659		·532	·586§	·445*	·564§	808	·842	·871	·712	·744	·806	·761	·665‖
May	·786	·826	·840	·693	·735	·736	·713*	·756‡	·780	·842*	·782*	·715*	·899	·953	·950†	·794	·887	·984	·971	·707†
June	·908	·943	·949	·833	·940	·960	1·010	·850	·853	·880	·896	·783	·919	·966	·981	·811	·909	·934	·947	·846
July	·897	·927	·923	·842	·950	·972	1·025	·854	·850	·885	·905	·759	·903	·955	·947	·807	·889	·921	·921	·825
August	·882	·897	·916	·833	·952	·981	1·032	·844	·856	·906	·915	·747	·893	·945	·940	·794	·888	·917	·910	·838
September	·867	·886	·914	·809	·927	·954	1·020	·808	·916	·982	·987	·778‖	·915	·970	·960	·816	·908	·942	·937	·846
October	·749	·780	·800	·666	·838	·854	·957	·703	Not recorded.				·860	·917	·893	·771	·838	·871	·876	·768
November	·570	·617	·620	·473	·667	·691	·767	·543	Ditto.				·767	·828	·827	·646	·692	·722	·713	·640
December	·447	·485	·525	·330	·519	·521	·660†	·375	Ditto.				·567	·612	·624	·466	·519	·539	·558	·460
Year	?	·707	·723	?	?	·750	·806	?	?	?	?	?	·768	·815	·819	·670	·736	·780	·770	·658

* Mean of 25 days. † " " 30 " ‡ Mean of 23 days. § " " 26 " ‖ Mean of 29 days.

TABLE XI.—TENSION OF ATMOSPHERIC VAPOUR IN 1888.

129. TOUNGOO. 130. BASSEIN. 131. DIAMOND ISLAND. 132. RANGOON. 133. MOULMEIN.

Month.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January	·547	·610	·621	·409	·576	·595	·569	·563	·645	·639	·630	·667	·581	·619	·608	·516	·550	·589	·521	·539
February	·611	·672	·643	·518	·577	·604	·537	·590	·677	·677	·677	·678	·604	·639	·597	·575	·630	678	·590	·622
March	·632	·708	·608	·581	·660	·664	·598	·719	·772	·758	·776	·782	·675	·699	·650	·676	·692	·731	·629	·715
April	·743	·836	·684	·709	·768	·756	·720	·828	816	·830	·848‖	·859	·779	·777	·755	·805	·835	·858	·832	·816
May	·839	·928*	·836*	·704	·881	·890	·878	·875*	·896	·928	·890	·869	·870	·903	·851	·857	·871	·895	·884	·834
June	·848	·938†	·932	·675	·895	·933	·905	·847	·917	·962	·960	·829	·893	·947	·896	·837	·879	·911	·900	·826
July	·841	·934	·917	·653	·890	·915	·913	·841	·878	·910	·895	·830	·874	·921	·889	·813	·858	·893	·881	·800
August	·828	·926	·908	·650	·895	·922	·919	·844	·872	·907	·899	·809	·875	·915	·889	·821	·843	·873	·879	·777
September	·861	·941	·927	·716	·908	·933	·925	865	·877	·909	·886	·837	·911	·951	·926	·856	·877	·906	·900	·826
October	·796	·914	·884	·589	·867	·890	·879	·833	·868	·881	·868	·856	·872	·913	·885	·819	·873	·909	·907	·802
November	·728	·820	·835	·528	·825	·841	·875	·758	·832	·833	·829	·834	·849	·900	·857	·784	?	Dry and wet imperfect.	·846†	Dry and wet imperfect.
December	·519	·495	·678	·383	·650	·651	·702	·596	·676	·659	·678	·69 †	653	·680	·671	·609	·638	·654‡	·627*	·633*
Year	·733	·810	·795	·593	·783	·799	·785	·763	813	·824	·820	·795	·786	·823	·790	·747	?	?	?	?

* Mean of 30 days. † Mean of 29 days. ‡ Mean of 23 days.

134. MERGUI. 135. COCOS ISLAND. 136. PORT BLAIR. 137. NANCOWRY.

Month.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January	·642	·685	·708	·534	?	·679	·682	Wet min. untrustworthy.	·741	·767	·768	·688	·739	·742	·725	·749
February	·729	·785	·803	·600	·692	·704*	·718†	·654*	·781	·836	·800	·706	·766	·774	·766	·758
March	·821	·858	·913	·693	·778	·794	·801	·740	·822	·849	·869	·747	·830	·825	·803	·863
April	·864	·905	·945	·742	?	Imperfect.			·925	·948	·963	·865	·867	·880	·852	·868
May	·838	·882	·896	·735	Observations not recorded.				·926	·973	·956	·848	·872	·909	·885	·821
June	·821	·878	·886	·698					·890	·939	·913	·817	·864	·913	·891	·789
July	·811	·878	·871	·685					·880	·920	·912	·807	·880	·917	·896	·826
August	·809	·866	·876	·686					·870	·913	·908	·789	·886	·944	·897	·818
September	·817	·880	·887	·685					·887	·932	·918	·812	·882	·929	·896	·820
October	·801	·853	·875	·674					·896	·924	·933	·831	·870	·906	·884	·819
November	·806	·859	·894	·664					·918	·969	·948	·837	·870	·907	·891	·812
December	·720	·766	·799	·596					·856	·901	·873	·793	?	Imperfect.		
Year	·790	·841	·863	·666	?	?*	?	?	·866	·906	·897	·795	?	?	?	?

* Mean of 28 days. † Mean of 27 days.

TABLE XII.—MEAN RELATIVE HUMIDITY OF THE AIR IN 1888. (137 STATIONS).

	1. BAGHDAD.				2. ADEN.				3. BUSHIRE.				4. AMINI DIVI.			
MONTH.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January	72	71	61	85	71	70	64	80	80	81	74	84	71	66	66	86
February	70	68*	59*	83†	76	76†	70*	81**	75	73	69	82	72	66	69	81
March	67	62	60	79§	71	68	62	84	68	65§	62	76§	71	66	67	82
April	54	44‡	40‡	78	80	82	70	89	63	57	57	76	73	67	71	81
May	51	45	42§	66	76	73	69	85	65	58	62	76	74	69	74	82
June	43	44	36	49	71	72	67	74	61	59	59	64	85	83	84	89
July	41	41	34§	48	68	69§	59	77§	64	63	59	69	82	80	80	86
August	40	39	31	49	66	67	58	74	63	60	59	70	81	80	78	85
September	44	39	35	57	66	66	63	70‡	63	59	62	68	77	76	72	82
October	57	50	52	68	65	58	57	79	67	62	62	78	80	77	76	89
November	69	64‖	63¶	81‡	70	66	61	83	58	51	53	69	78	73	74	88
December	83	82‡	77*	89‡	68	65	59	79	69	68	60	78	69	63	65	83
Year	58	54	49	69	71	69	63	80	66	63	62	74	76	72	73	85

* Mean of 28 days. † „ „ 27 „ ‡ Mean of 29 days. § „ „ 30 „ ‖ Mean of 22 days. ¶ „ „ 25 „ ** Mean of 26 days.

	5. QUETTA.				6. LEH.						7. MOOLTAN.				8. DERA ISMAIL KHAN.			
MONTH.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January	73	69	60	89	66	83	55	51	76	?	61	58	55	69	48	55	38	50
February	68	64	55	84	69	83	63	54	76	52	62	60	53	73	54	62	39	60
March	55	48	38	79	60	79	52	41	67	78	49	46	38	63	37	41	27	44
April	48	39	34	72	51	72	45	29	57	71	?	28	31	Imperfect.	28	29	21	35
May	43	33	27	68	44	64	39	27	45	62	?	25	28	Do.	25	28	19	27
June	36	27	21	59	40	58	33	24	44	59	42	39	38	50	34	38	23	41
July	46	43	30	66	45	59	42	33	45	61	53	53	43	63	47	54	35	52
August	50	40	37	74	47	62	46	33	48	62	59	59	50	68	54	60	40	61
September	40	31	26	64	33	51	27	21	34	49	?	52	43	Dry min. imperfect.	42	46	27	53
October	42	30	25	70	41	65	31*	21*	48	62	55	51	49	64	39	42	26	48
November	51	40	36	77	56	78	45	37	65	81	55	51	43	70	45	49	34	52
December	56	45	41	83	63	76	57	55	63	80	54	49	44	70	45	53	32	50
Year	51	42	36	74	51	69	45	36	56	?	?	48	43	?	42	46	30	48

* Mean of 30 days.

Month.	9. Peshawar. Mean.	10 hours.	16 hours.	From Minima.	10. Murree. Mean.	10 hours.	16 hours.	From Minima.	11. Rawalpindi. Mean.	10 hours.	16 hours.	From Minima.	12. Sialkot. Mean.	10 hours.	16 hours.	From Minima.
January	60	60	45	75	61	54	61	67	69	66	52	88	69	67	50	89
February	63	63	48	79	70	63	72	76	76	76	58	94	77	78	59	95
March	55	53	40	73	48	44	45	56	54	48	36	78	63	56	46	87
April	49	44	38	66	41	36	39	48	48	44	32	67	38	32	21	61
May	35	32	25	47	32	27	25	44	36	32	29	46	28	22	16	47
June	33	32	26	42	39	36	32	48	44	41	33	58	37	30	24	56
July	52	52	39	65	75	72	68	86	66	65	57	77	67	65	53	83
August	65	64	49	82	87	87	83	90	77	78	67	85	76	75	65	88
September	50	47	34	69	55	54*	49*	62*	53	50	37	72	58	53	39	83‡
October	47	46	33	63	44	41	41†	51	53	49	38	71	54	43	32	86§
November	56	52	43	72	53	47	53	59	70	67	61	81	57	50	39	82
December	61	61	40	82	42	34	46	47	84	81	75	95	64	64	47	82
Year	52	51	38	68	54	50	51	61	61	58	48	76	57	53	41	78

* Mean of 29 days.
† " " 30 "
‡ Mean of 25 days.
§ " " 24 "

Month.	13. Lahore. Mean.	4 hours.	10 hours.	16 hours.	22 hours.	From Minima.	14. Ludhiana. Mean.	10 hours.	16 hours.	From Minima.	15. Chamba. Mean.	4 hours.	6 hours.	10 hours.	16 hours.	22 hours.	From Minima.	16. Kailang. Mean.	10 hours.	16 hours.	From Minima.
January	60	79	51	37	73	89	65	60	44	90	59	64	Observed previous at 4 A.M.	58	54	58	70	75	72	68	84‡
February	68	85	60	44	82	93	63	60	43	86	66	77†		68	52	67	80	79	79	70	87
March	50	72	40	26	61	81	45	38	24	74	52	65		53	36	55	72	68	62	54	88
April	33	49	26	17	38	57	28	20	14	49	45	Hour of observation changed from April 1st.		59	48	28	45	64	62	55	52	80
May	27	42	20	14	32	48	25	18	13	43	38			50	39	26	38	54	57	49	45	78§
June	34	50	28	20	38	54*	39	34	25	58	43			56	40	31	45	39	?	52	39	W. min. imperfect.
July	63	75	59	49	70	78	73	71	59	90	76			85	72	66	80	88	?	67	53	W. min. not recorded.
August	71	83	65	57	77	85	78	74	66	94	82			91	79	73	85	91	?	63	45	Do.
September	57	79	44	34	69	83	66	61	48	90	68			82	61	55	72	84	?	50	44	Do.
October	51	72	37	30	64	81	54	45	33	84	55			68	51	44	57	74	52	41	36	78‡
November	58	81	44	32	73	89	58	48	39	87	58			67	53	49	61	74	59	52	45	81*
December	57	76	46	32	73	89	59	53	36	87	54			63	54	45	55	70	79	72	76	88
Year	52	70	43	33	63	77	54	49	37	78	58			?	56	47	60	72	?	60	52	?

* Mean of 25 days.
† Mean of 28 days.
‡ Mean of 27 days.
§ " " 23 "

Month.	17. Simla. Mean.	10 hours.	16 hours.	From Minima.	18. Delhi. Mean.	10 hours.	16 hours.	From Minima.	19. Sirsa. Mean.	10 hours.	16 hours.	From Minima.	20. Chakrata. Mean.	10 hours.	16 hours.	From Minima.	21. Mussooree (*Trgl. S. O.*) Mean.	10 hours.	15 hours.	From Minima.
January	56	50	58	60	61	57	43	82	61	63	41	80	62	58	64	65	66	61	76	61
February	61	55	63	66	59	52	47	77	58	59	37	79	65	62	64	70	63	59	70	59
March	47	43	43	55	44	35	28	68	50	45	35	70	49	43	44	59	46	44	48	45
April	36	34	30	44	31	23	21	49	46	41	38	58	33	30	25	43	32	33	31	31
May	36	31	31	46	33	26	25	49	40	37	35	49	37	33	33	46	39	41	38	37
June	53	50	48	60	44	39	31	61	39	35*	26	55*	50	47	45	58	51	51	49	54
July	90	91	86	92	73	70	62	88	59	59	46	72	92	91	90	96	95	96	93	95†
August	91	88	90	94	81	79	71	92	65	62	48	85	91	85	93	94	94	92	94	95
September	79	77	75	85	69	64	57	85	52	47	36	72	87	81	87	93	91	87	92	93
October	53	51	50	58	57	48	44	78	52	49	34	74	55	51	56	58	61	55	68	59
November	59	54	58	64	56	49	44	74	50	42	32	76	64	56	68	68	71	66	80	66
December	37	32	38	41	52	48	25	84	53	49	32	79	46	40	48	50	55	47*	67‡	50*
Year	58	55	56	64	55	49	42	74	52	49	37	71	61	56	60	67	63	61	67	62

* Mean of 29 days. † Mean of 30 days. ‡ " " 28 "

Month.	22. Dehra. Mean.	9·30 hours.	15·30 hours.	From Minima.	23. Roorkee. Mean.	10 hours.	16 hours.	From Minima.	24. Ranikhet. Mean.	10 hours.	16 hours.	From Minima.	25. Pithoragarh. Mean.	10 hours.	16 hours.	From Minima.	26. Meerut. Mean.	10 hours.	16 hours.	From Minima.
January	?	70	50	W. min. not recorded.	67	66	45	90	67	68	62	72	66	68	51	78	64	60	45	87
February	?	68	47		65	65	42	89	64	63	59	69	64	64	49	78	61	56	39	87
March	?	44	28		47	41	21	78	49	47	44	55	51	49	37	67	48	37	26	81
April	?	26	16		28	21	12	50	33	30	28	40	39	35	29	52	33	24	17	57
May	?	28	18		30	27	16	47	47	42	41	57	49	46	37	64	39	32	23	63
June	?	40	25		38	36	21	57*	48	44†	43†	56	53	51	43*	65	45	40	27	68
July	?	88	80		79	79	68	89	90	88‡	88‡	95	85	85	77	93	81	78	70	95
August	?	83	82		80	79	69	91	89	85	86	95	85	84	78	94	84	80	74	98
September	?	78	73		77	75	65	92	85	79	81	95	83	83	72	94	78	73	64	96
October	?	59	48		64	60	42	90	58	55	55	64	65	66	48	82	64	55	45	92
November	?	62	52		65	59	47	88	68	63	66	75	65	66	48	80	65	56	47	92
December	?	62	44		69	70	46	91	62	60	61	65	61	64	42	76	60	53	37	90
Year	?	59	47		59	57	41	79	63	60	60	70	64	63	51	77	60	54	43	84

* Mean of 29 days. † Mean of 28 days. ‡ Mean of 24 days.

	27. BAREILLY.				28. AGRA.				29. LUCKNOW.				30. GORAKHPUR.				31. JHANSI.			
Month.	Mean	10 hours.	16 hours	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January	67	68	46	88	58	59	42	73	61	57	43	83	66	63	53	83	56	50	41	77
February	60	60	38	83*	58	56	43	74	54	50	35	77	57	50	38	83	54	50	38	75
March	46	38	27	73†	38	34	22	59	42	36	23	67	46	39	27	72	41	36	27	61
April	35	29	20	57‡	24	20	14	38	31	28	18	48	39	36	28	54	22	17	17	32
May	41	37	26	59	28	25§	18§	41§	37	33	22	56	46	43	34	62	21	17	13	32
June	?	50‖	36‖	Wet min. imperfect.	37	34	25	53	43	40	27	62	54	53	38	70	37	33	27	52
July	86	85	80	94	79	77	71	90	83	83	75	91	83	80	77	91	81	80	75	87
August	84	81	78	93	82	79	74	94	83	81	78	91	81	78	76	90	87	86	83	93
September	81	78	72	93	73	66	62	90	78	74	70	90	81	79	74	91	72	68	64	84
October	64	60	43	88	53	44	36	78	57	48	37	87	62	54	47	85	47	41	34	67
November	64	62	43	88	52	44	37	74	57	47	37	87	63	55	50	85	44	37	33	63
December	65	66	42	88	57	51	43	78	56	47	34	87	58	53	48	72	44	37	29	67
Year	?	60	46	?	53	49	41	70	57	52	42	77	61	57	49	78	51	46	40	66

* Mean of 28 days. § Mean of 27 days.
† „ „ 30 „ ‖ „ „ 26 „
‡ „ „ 29 „

	32. ALLAHABAD.						33. BENARES.				34. GHAZIPUR.				35. KATMANDU.			
Month.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January	66	84	59	42	78	87	63	58	46	85	60	59	50	72	75	72*	65	88
February	55	77	47	32	65	80	52	45	31	79	47	47	32	63	62	50	48	89
March	35	57	27	16	40	57	36	29	17	63	36	34	21	52	65	52	52	91
April	26	43	21	12	29	43	24	23	13	47	35	33	22	50	62	54	43	90
May	29	44	27	14	31	45	34	32	16	54	40	39	26	56	66	56	49	92
June	41	54	37	25	47	54	43	38	29	63	45	45	34	55	67	55	52	93
July	86	93	82	77	91	94	84	83	78	91	82	83	78	84	79	70	71	95
August	88	95	83	81	93	94	86	84	80	93	81	81	76	86	77	66	70	94
September	82	92	76	69	89	91	79	76	70	91	77	78	71	82	75	63	68	93
October	60	85	49	32	75	86	59	49	39	88	57	52*	43*	75*	68	56	55	92
November	62	85	49	36	76	86	60	49	42	89	55	49	45	71	62	42	56	89
December	61	87	49	31	78	90*	55	47	31	88	52	48	36	71	71	64	62	88
Year	58	75	51	39	66	76	56	51	41	78	56	54	45	68	69	5*	58	91

* Mean of 30 days.

36. SIBSAGAR. 37. TEZPUR. 38. DHUBRI. 39. TURA. 40. SILCHAR.

MONTH.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January	86	93	68	97	82	80	70	95	73	75	49	95	?	66	57	Wet minimum not recorded.	72	76	47	94
February	83	87	65	96	82	77	73	97	63	64	37	88	?	56	45		70	72	44	94
March	82	84	67	96	80	74	72	95	68	68	48	87	?	61‡	55‡		73	71	56	93*
April	84	84	72	96	83	75	77	96†	67	69	50	82	?	59§	53§		83	78	75	95
May	85	85	74	95	81	74	74	96	82	82	72*	92	?	Dry bulb broken.			82	81	71	94
June	86	85	77	95	88	84	82	97†	86	86	78	95	?				86	86	78	94
July	86	90	74	95	87	81*	82*	98	88	87	81	95	?				84	82	76	94
August	86	89	73	95	88	83	84	97	85	84	79	93	?	84	83		84	82	76	95
September	86	87	74	96	79	69	69	98	85	85	76	93	?	85	84		83	81	73	95
October	84	83	73	97	78	70	66	97	77	74	63	93	?	76	77		75	74	58	93
November	85	88	69	98	?	75	70	W. min. rejected.	79	79	61	96	?	70	67		75	72	61	93
December	83	87	63	98	74	68	58	95	78	78	59	96	?	62	64		70	70	45	94
Year	85	87	71	96	?	76	73	?	78	78	63	92	?	?	?		78	77	63	94

* Mean of 30 days. † Mean of 29 days. ‡ Mean of 25 days. § Mean of 21 days.

41. DARJEELING. 42. PEDONG. 43. PURNEAH. 44. DURBHUNGA. 45. PATNA.

MONTH.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January	83	82*	84†	84*	79	73	74	89	71	68	51	93	?	Wet bulb imperfect.		89	66	62	50	87
February	84	85	84†	84‡	77	73	68	89	59	53	38	87	61	60	40	84	54	49	34	79
March	77	77	74‡	80	74	74	62§	85	56	54	34	80	58	57	37	80	40	35	23	61
April	78	78*	78	77‡	73	71*	65	83*	55	52	41	72**	57	55	43*	73	39	36	25	56
May	83	86	79*	84§	80	80*	71	88	75	74	60	92	68	67	50	88§	49	46	33	67
June	93	94	91‖	95‡	89	89	85*	93	?	76	69	Wet min. imperfect.	73	74	60	85	57	57	40	75
July	95	95	94‡	97*	94	94	93	96	?	86	82	Wet min. rejected.	82	81	75	91	84	83	78	92
August	94	93	93*	97‖	93	93	90	95§	?	84§	80§	Do.	81	79	75	90	85	84	79	91
September	91	91	89‡	93*	91	90	88	95	?	82	75	Do.	81	79	74	91	79	77	71	89
October	87	85	88¶	88§	85	81	82‡	93§	?	70	56	96§	70	68	53	88	61	56	45	82
November	80	75*	83*	82*	79	74	73*	91*	?	69	52	Wet min. rejected.	69	68	52	88	61	56	44	82
December	?	63*	D. & W. bulb imperfect.	74‡	75	71*	71§	82§	?	67	49	Do.	68	66	50	87	63	59	47	83
Year	?	84	?	86	82	80	77	90	?	70	57	?	?	?	?	86	62	58	47	79

* Mean of 29 days. † Mean of 27 days. ‡ Mean of 28 days. § Mean of 30 days. ‖ Mean of 26 days. ¶ Mean of 22 days. ** Mean of 25 days.

	46. GYA.				47. HAZARIBAGH.				48. BERHAMPORE.				49. BURDWAN.				50. JESSORE.			
MONTH.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January .	58	53	41	80	57	52	45	72	72	63	45	90	57	47	38	85	66	61	50	87
February .	50	45	30	75	43	34	30	61	65	52	36	86	54	43	31	87	62	58	42	87
March .	45	39	30	65	26	22	15	41	59	52	29	81	47	42	22	77	60	63	38	80
April .	47	34	28	78	22	15	13	37	61	58	38	74	52	51	30	74	67	69	48‡	83
May .	52	39	31	87	32	29	17	50	76	71	55	86	62	59†	46†	81†	72	70	59	88
June .	57	42	36	92	40	34	30	56	82	76	66	92	66	62	51	85	79	75	73	90
July .	79	73	70	93*	86	85	80	94	91	85	82	96	83	79	77	93‡	89	86	84	96
August .	81	77	72	95	89	87	83	96	93	90	85	95	85	81	79	95	89	87	85	95
September	77	72	64	95	81	77	73	93	88	81	76	96	79	76	71	91	85	81	80	94
October .	65	55	45†	95	57	49	47	76	78	69	58	95	68	63	55	87	75	70	63	91
November	64	54	43‡	95	58	51	49	75	81	73	58	95	70	65‡	53‡	91‡	74	70§	62§	90§
December	62	50	43*	94	48	45	34	66	75	65	52	94	58	51	39	84	68	64	53	87
Year .	61	53	44	87	53	48	43	68	77	70	57	90	65	60	49	86	74	71	61	89

* Mean of 30 days.
† „ „ 28 „

‡ Mean of 29 days.
§ „ „ 27 „

‖ Mean of 25 days.

	51. DACCA.				52. CHITTAGONG.				53A. CALCUTTA (*Chowringhee*).				53B. CALCUTTA (*Alipore*).				
MONTH.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	From Minima.
January .	69	62	49*	95	74	72	57	92	67	57	48	89	68	85	55	45	83	86
February .	65	56	43	95	74	71	59	93	64	55	42	88	69	90	54	37	80	88
March .	71	66	51	95	77	72	68	92	67	61	40	90	70	94	61	38	81	85
April .	78	75	65	94	81	74	75	94	73	64	53	88	74	90	63	52	83	83
May .	82	77	74	95	82	76	77	92	77	70	59	89	75	88	67	57	80	85
June .	86	81	79	97	88	82	85	97	78	71§	62†	86§	76	88	67	59	83	85
July .	89	86	82	98	90	89	85	95	91	84	83	95	86	94	83	81	91	92
August .	88	86	82	97	89	86	87	95	91	86	84	96	88	95	85	84	92	93
September .	85	81	76	98	87	83	83‡	95	86	79	75	95	86	95	80	75	91	95
October .	77	68	63	99†	83	78	76	95	80	67	63	96	81	95	66	61	90	95
November .	76	71	64	93	79	75	68	94	76	66	59	94	79	92	68	59	88	94
December .	76	64	54	91	74	70	60	92	69	61	48	92	70	87	60	42	88	91
Year . .	78	73	65	96	82	77	73	94	77	68	60	92	77	91	67	58	86	89

* Mean of 30 days.
† „ „ 28 „

‡ Mean of 29 days.
§ „ „ 27 „

Month.	54. Saugor Island. Mean.	4 hours.	10 hours.	16 hours.	22 hours.	From Minima.	55. Cuttack. Mean.	10 hours.	16 hours.	From Minima.	56. False Point. Mean.	10 hours.	16 hours.	From Minima.	57. Sambalpur. Mean.	10 hours.	16 hours.	From Minima.
January	72	86	64	57	81	84	64	58	47	88	80	74	70	97	60	46§	44§	90
February	78	91	69	62	88	84	64	61	42	90	77	68	67†	95	?	Imperfect.		86
March	82	88	78	75	87	86	59	57	34	86	81	73	76	95	43	35	23	71
April	82	87	77	77	85	86	61	57	43	84	84	79	80	93	31	24	16	54
May	79	83	75	74	84	83*	59	53	42*	81	79	74	75	89	37	30	21	59
June	81	86	76	76	84	83	58	54	42	77	79	74	77	87	54	51	39	73
July	86	90	84	81	89	89	76	70	69	89	85	79	82	93	81	80	75	88
August	89	92	88	85	91	93	82	77	76*	92	90	86	86	97	85	85	80	90
September	85	90	83	78	89	90	75	72	65‡	87	81	76	73	94	78	75	69	89
October	78	87	74	66	86	87	65	58	49	89	76	66	64	97	66	60	48	90
November	79	89	73	67	86	87	70	65	56	88	80	74	70	97	68	63	51	91
December	75	87	71	58	82	83*	57	50	37	84	74	65	62	96	58	55	34	86
Year	81	88	76	71	86	86	66	61	50	86	81	74	74	94	?	?	?	81

* Mean of 30 days. † „ „ 28 „ ‡ Mean of 29 days. § Mean of 24 days.

Month.	58. Raipur. Mean.	40 hours.	16 hours.	From Minima.	59. Nagpur. Mean.	10 hours.	16 hours.	From Minima.	60. Seoni. Mean.	10 hours.	16 hours.	From Minima.	61. Jubbulpore. Mean.	10 hours.	16 hours.	From Minima.	62. Saugor. Mean.	10 hours.	16 hours.	From Minima.
January	58	52	39	82	60	57	43	81	59	50	45	83	67	62	50	89	55	51	41	73
February	43	37	26	66	49	45	32	70	50	42	31	76	59	50	41	85	49	45	33	69
March	27	22	15	45	34	30	23	49	33	24	19	57	40	31	20	69	31	26	17	50
April	19	17	11	29	24	20	17	36	22	16	13	36	27	18	14	48	20	15	11	35
May	23	20	14	34	24	23	16	34	22	20*	15*	32*	29	22	15	51	22	19	13	33
June	50	47	34	69	63	61	53	75	55	50	44	71	50	46	37	68	48	44	33	66
July	82	80	74	91	79	79	72	87	82	78	76	91	83	82	74	92	84	83	76	92
August	81	79	73	91	79	79	70	88	85	84	78	93	86	86	76	95	91	91	85	97
September	71	68	58	88	70	67	58	86	73	67	62	90	75	71	60	94	81	80	69	95
October	50	44	30	77	51	46	36	70	53	43	42	75	58	49	35	90	52	46	37	73
November	58	53	39	83	61	58	48	78	65	57	51	87	58	49†	39†	86‡	47	40	32	70
December	40	32	21	68*	43	37	28	65	50	37	29	84	52	43	28	86	39	31	24	63
Year	50	46	36	69	53	50	41	68	54	47	42	73	57	51	41	79	52	48	39	68

* Mean of 30 days. † Mean of 27 days. ‡ „ „ 20 „

Month.	63. Pachmarhi.				64. Hoshangabad.				65. Khandwa.				66. Chanda.				67 Sironcha.			
	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	15 hours.	From Minima.
January	64	56	56	79	65	64	47	85	60	52	41	86	62	53	42	92	68	69	48	86
February	55	44	43	77	56	51	37	80	48	42	29	73	50	40	27	84	54	53	30	78
March	35	26*	23	56	37	30	20	62	33	28	21	50	36	27	17	65	44	45	22	64
April	22	19	14	34	24	18	12	42	28	26	20	37	27	22	15	44	39	45	20	53
May	28	26	20	39	31	29	20	43	26	27	14	37	28	27	15	43	42	45	27	55
June	60	61	50	68	58	57	41	75	55	52	41	71	58	54	45	75	59	59	47	72
July	87	88	86	88	83	82	75	92	79	76	71	89	77	72	69	90	83	82	77	90
August	90	92	88	90	88	87	81	95	79	75	71	90	76	72	65	90	81	79	75	90
September	76	76	69	83	75	72	63	91	69	66	54	87	74	68	62	93	77	76	65	90
October	?	44	43	Wet Min. imperfect.	57	50	37	83	51	42	33	77	61	52	40	90	63	62	41	85*
November	61	53	52	77	53	47	39	74	51	44	35	74	70	64	51	94	74	76	58	89
December	44	31	30	70	46	42	30	66	40	32	22	66	57	47	31	92	63	60	43	86
Year	?	51	48	?	56	52	42	74	52	47	38	70	56	50	40	79	62	63	46	78

* Mean of 30 days.

Month.	68. Chikalda.				69. Buldana.				70. Akola.				71. Amraoti.				72. Neemuch.			
	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January	59	53	54	71	54	50	43	70	61	54	41	87	55	51	42	71	50	46	37	68
February	48	46	37	60	41	39	26	57	47	40	26	75	42	40	27	59	58	51	45	77
March	32	30	25	42	27	24	18	38	36	29	19	60	33	30	22	48	36	28	21	60
April	24	24	17	31	20	19	13	28	22	18	12	37	23	22	17	31	35	28	21	55
May	30	32	19	40	26	28	13	38	26	25	12	40	26	26	17	34	37	32	21	57
June	73	76	58	84	63	60	48	80	57	55*	38	79	63	61	49	80	53	55†	37‡	67
July	95	96	91	97	79	76	71	89	78	76	66	93	82	81	72	92	81	82	71	90
August	96	96	92	99	81	79	75	90	78	73	66	94	78	77	67	91	87	87§	77	97§
September	84	83	76	92	71	70	56	86	68	64	52	88	69	65	54	89*	64	55	49	88
October	54	50	49	63	47	42	37	63	53	44	34	81	46	41	32	66	49	41	34	73
November	63	60	58	72	55	49	42	73	57	50	39	81	56	52	42	73	52	42	39	75
December	44	41	37	54	37	31	25	54	47	37	25	79	41	37	31	56	45	36	30	69
Year	59	57	51	67	50	47	39	64	53	47	36	75	51	49	39	66	54	49	40	73

* Mean of 24 days. ‡ Mean of 26 days.
† „ „ 29 „ § „ „ 30 „

TABLE XII.—MEAN RELATIVE HUMIDITY OF THE AIR IN 1888.

73. NOWGONG.

Month.	Mean.	10 hours.	16 hours.	From Minima.
January	60	55	36	89
February	58	48	35	90
March	39	27	18	72
April	26	17	13	47
May	23	18	14	38
June	48	44	38	63
July	?	86	80	Imperfect.
August	88	87	82	95
September	75	71	62	93
October	55	47	32	85
November	57	46	38	88
December	60	51	37	91
Year	?	50	40	?

74. SUTNA.

Mean.	22 hours.	11 hours.	From Minima.
58	54	39	82
48	40	30	75
31	24	14	56
18	12	9	33
18	14	10	31
39	35	29	52
84	82	79	91
86	84	81	92
76	71	65	91
52	42	30	83
50	40	31	80
44	36	22	75
50	45	37	70

75. INDORE.

Mean.	10 hours.	16 hours.	From Minima.
57	49	41	81
53	45	34	80
33	24	18	56
24	20	13	40
27	24	14	42
62	60	47	79
81	79	71	92
83	81	76	93
70	64	55	90
50	38	34	77
47	39	33	69
39	29	22	65
52	46	38	72

76. BICKANEER.

Mean.	10 hours.	16 hours.	From Minima.
25	13*	19	42
23	11†	17	41
25	16	18	40
26	19	17	42
25	19	14	41
31	28	19	46
36	31	26	50
45	40	37	57
41	36	27	61
41	33	27	63
36	26	22	59
32	25	20	52
32	25	22	50

* Mean of 29 days.
† „ „ 28 „

77. JEYPORE.

Month.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	From Minima.
January	52	63	45	36	62	74
February	52	67	45	34	63	77
March	37	53	29	21	46	62
April	27	39	22	14	33	48
May	25	36	22	13	27	39
June	38	51	37	23	40	54
July	72	83	68	60	77	84
August	86	94	82	77	90	95
September	59	75	52	41	69	78
October	50	66	39	34	62	71
November	52	70	39	33	67	76
December	45	65	32	26	58	73
Year	50	64	43	34	58	69

78. SAMBHAR.

Mean.	10 hours.	16 hours.	From Minima.
58	58	49	66
60	58	45	77
40	38	25	57
32	35	24	37
24	28	12	33
41	45*	27†	50*
66	64	54	80
82	81	75	91
57	56	44	71
46	43	30	65
48	45	29	69
48	45	32	67
50	50	37	64

79. AJMERE.

Mean.	10 hours.	16 hours.	From Minima.
52	46	40	70
48	43	34	66
37	32	24	54
33	31	24	44
32	30	22	43
49	53	36	59
72	74	60	81
84	86	79	88
60	59	49	71
49	42	35	70
59	52	44	82
51	45	36	73
52	40	40	67

80. MOUNT ABU.

Mean.	10 hours.	16 hours.	From Minima.
57	53	52	65
49	45	45	58
35	33	29	44
31	32	26	36
30	31	24	36
67	69	53	80
90	91	82	97
96	96	93	98
67	63	64	75
40	35	32	53
41	35	35	53
36	30	30	47
53	51	47	62

* Mean of 24 days.
† „ „ 23 „

81. PACHPADRA. 82. JACOBABAD. 83. HYDERABAD. 84. KURRACHEE.

Month.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Maxima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January	42	46	31	50*	44	39	28	66	44	35	37	59	56	48	41	61
February	49	48	32	68	56	55	34	76	52	43	43	71	66	57	51	76
March	45	43	31	60	34	28	18	55	43	31	31	66	69	58	58	78
April	44	47†	31†	53†	26	21	16	40	43	35	32	62	71	62	60	82
May	42	48	37	40†	18	16	5	34	40	32	30	57	66	53	60	78
June	50	54	40	55	35	38	16†	51	56	48	45	75	75	67	68	80
July	60	65	52	61*	49	49	30	69	61	54	51	79	78	73	72	85
August	69	69	57	81	52	53	32	72	63	59	53	77	79	75	74	84
September	53	53	40	67†	49	49	25	74	61	53	48	83	73	68	70	86
October	37	36	28	48	40	31*	21*	67*	50	47	36	68	58	50	60	73
November	42	39	33	54	41	32	23	67	40	36	28	57	46	38	38	53
December	37	33	23	56	41	35	22	66	44	41	31	59	49	40	40	54
Year	48	48	36	58	40	37	23	62	50	43	39	68	66	52	58	74

* Mean of 30 days. † Mean of 29 days.

85. BHUJ. 86. RAJKOT. 87. DEESA. 88. SURAT. 89. MALEGAON.

Month.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours	From Maxima.	Mean.	10 hours.	16 hours.	From Minima	Mean.	10 hours.	16 hours	From Minima.	Mean.	10 hours.	16 hours.	From Minima
January	40	37	31	53	46	35	35	67	44	35	26	60	?	54	45	?	56	53	37	78
February	55	53	40	73	53	47	39	73	36	36	27	42	58	50	41	82	43	39	25	64
March	42	38	22	67	55	47	35	82	29	26	13	53	53	47	33	79	28	24	18	42
April	44	34	25	72	50	40	27	82	36	36	21	59	53	44	35	80	26	20	17	41
May	45	35*	28	72*	47	42	22†	77‡	38	39	19	66	62	55	49	81	30	25	17	47
June	57	50	45	76	59	51	36	90	49	49	28	70	69	64	57	85	61	55	52	77
July	70	64	67	79	70	60	56	93	67	64	52	84	82	80	76	90	73	70	63	85
August	75	73	70	83	79	75	68	93	74	73	61	86	83	81	76	92	69	65	60	83
September	63	56	47	85	69	67	47	94	58	52§	34§	78§	76	71	65	91	66	58§	57§	84§
October	44	38	27	66	50	43	28	78	33	29	18	53	73	68	63	88	45	41	29	64
November	41	36	30	57	53	48	39	72	34	27	21	53*	68	62	57	85	48	43	35	65
December	35	30	24	51	39	32	18	66	26	19	13	46	55	40	41	85	34	32	22	47
Year	51	45	38	70	56	49	38	81	43	40	28	63	?	60	53	?	48	44	36	65

* Mean of 30 days. † Mean of 29 days. ‡ Mean of 28 days. § Mean of 27 days.

TABLE XII.—MEAN RELATIVE HUMIDITY OF THE AIR IN 1888.

Month.	90. Bombay. Mean.	6 hours.	10 hours.	16 hours.	22 hours.	From Minima.	91. Poona. Mean.	10 hours.	16 hours.	From Minima.	92. Sholapur. Mean.	10 hours.	16 hours.	From Minima.	93. Ratnagiri. Mean.	10 hours.	16 hours.	From Minima.
January	73	79	72	64	77	80	52	50	33	92	52	48	35	73	64	54	62	77
February	72	79	68	63	76	79	39	36	21	82	37	34	20	57	65	58	63	75
March	74	82	68	68	79	80	32	24	16	70	29	24	18	46	69	61	67	78
April	75	82	68	68	80	80	30	19	15	60	28	22	15	47	70	61	63	85
May	73	80	69	67	77	85	43	33	25	74	38	31	22	60	70	62	62	85
June	83	87	80	79	85	86	68	56	58	85	63	59	46	85	82	77	78	90
July	85	87	85	83	86	88	82	78	76	91	74	70	60	92	85	82	83	91
August	86	88	85	83	87	89	81	78	75	92	66	61	49	88	85	82	84	89
September	81	87	79	74	83	87	76	68	68	94	67	64	49	89	81	77	78	89
October	74	82	68	67	77	81	53	48	38	90	50	43	31	75	66	53	64	81
November	71	78	67	64	75	76	56	53	42	91	62	55	44	86	64	50	63	80
December	65	69	61	58	71	69	39	34	22	80	46	38	28	73*	54	38	56	68
Year	76	82	72	70	79	82	54	48	41	83	51	46	35	73	71	63	69	82

* Mean of 30 days.

Month.	94. Belgaum. Mean.	10 hours.	16 hours.	From Minima.	95. Karwar. Mean.	10 hours.	16 hours.	From Minima.	96. Gopalpur. Mean.	10 hours.	16 hours.	From Minima.	97. Vizagapatam. Mean.	4 hours.	10 hours.	16 hours.	22 hours.	From Minima.
January	55*	49	37	87*	74	71	60	92	?	63	65	Wet minimum not recorded	64	70	61	58	68	57
February	40	32	24	83	75	69	61	96	?	68	74		63	68	58	59	68	60
March	42	29	30	72	76	67	67	93	?	82	77		64	70	57	61	68	58
April	48	30	41	80	72	65	67	84	?	80	82		66	72	60	61	71	65
May	59	47	49	85	75	70	71	84	?	78	80		65	70	61	62	68	67
June	82	78	78	94	85	85	85	86	?	78	79		61	65	58	58	64	64
July	91	89	89	95	86	84	84	89	?	80	81		68	70	67	64	69	69
August	91	87	89	96	88	86	85	93	?	84	84		66	70	64	62	68	69
September	84	76	76	98	85	81	77	96	?	73	72		67	71	65	63	69	72
October	64	57	50	93	79	72	69	96	?	60	63		64	69	59	58	70	73
November	63	57	52	91	75	70	64	91	?	71	70		71	75	67	66	74	73
December	44	41	30	77	64	57	50	84	?	52	54		59	65	55	52	62	69
Year	64	56	54	88	78	73	70	90	?	72	73		65	70	61	60	69	66

* Mean of 30 days.

	98. RAJAHMUNDRY.				99. MASULIPATAM.				100. SECUNDERABAD.						101. KURNOOL.				102. BELLARY.			
Month.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	22 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.
January	54	51	38	83	81	76	76	96	62	60	44	65	85	48	47	33	80	49	50	33	76
February	50	52	29	82	76	71	65	97	49	46	32	49	75	33	31	18	64	36	36	22	63†
March	49	49	31	79	77	69	70	97	45	43	31	46	68	28	26	17	52	30	21	30	40*
April	51	49	36	78	75	65	69	95	42	40	27	Discontinued.	67	32	31	20	54	38	39	25	56*
May	53	51	39	77	78	72	74	92	48	48	34		70	40	39	29	58	47	45	38	65
June	50	49	37	72	69	67	58	88	60	60	44		83	51	51	38	71	56	55	45	75
July	66	63	56	83	70	64	59	90	72	71	60		91	60	59	47	79	62	60	54	77
August	65	61	56	83	66	61	54	88	72	72	59		92	58	57	45	77	63	60	51	81
September	64	60	54	84	70	65	57	90	65	60	54		87	61	61	49	78	65	62	52	85
October	54	48	41	80	67	58	55	93	53	49	39		79	50	49	35	75	52	55	40	73*
November	65	59	56	87	78	72	69	91	67	64	54		92	?	62	51	?	68	66	53	90†
December	51	47	37	81	64	62	56	91	51	42	36		80	?	48	33	?	54	55	39	80‡
Year	56	53	43	81	73	67	64	92	57	55	43	?	81	?	47	35	?	52	50	40	72

* Mean of 29 days.
† " " 28 "
‡ " " 30 "

	103. MANGALORE				104. MERCARA.				105. BANGALORE.					106. CUDDAPAH.				107. MADRAS.				
Month.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	22 hours.	From Minima.	Mean.	10 hours.	16 hours.	From Minima.	Mean.	10 hours.	16 hours.	22 hours.	From Minima.
January	65	56	58	82	71	68	56	90	68	65	51	69	89	62	60	48	87	79	68	65	87	94
February	71	63	65	85	59	51	45	80	57	55	41	54	84	48	47	30	78	77	64	64	86	97
March	74	69	66	86	41	42	43	38	55	53	39	54	74	40	39	24	69	77	62	67	84	96
April	73	70	67	83	74	61	69	91	54	59	37	Discontinued.	73	39	40	26	59	80	66	69	86	93
May	77	74	71	86	78	69	76	88*	61	62	46		82	41	42	28	59	77	65	70	84	89
June	89	88	87	93	90	90	92	89	71	69	58		91	46	45	33	65	69	57	59	78	75
July	88	88	86	90	93	94	95	91	74	72	63		91	56	54	44	76	73	63	68	83	82
August	90	89	87	93	94	94	95	92	77	75	67		91	55	54	43	75	74	65	61	84	87
September	85	82	79	93	84	80	85	87	74	71	61		92	59	56	46	81	76	65	68	86	89
October	81	77	73	92	77	74	73	85	73	72	62		92	62	60	49	85	83	75	75	86	95
November	73	67	66	87	?	76	73	?	72	70	61		92	71	67	59	93	84	77	75	90	96
December	61	52	55	77	?	64	57	?	62	61	49		86	63	60	48	90	80	73	74	85	93
Year	77	73	72	87	?	72	72	?	67	65	53	?	86	54	52	40	76	77	67	68	85	91

* Mean of 23 days.

TABLE XII.—MEAN RELATIVE HUMIDITY OF THE AIR IN 1888.

108. SALEM.

Month.	Mean.	10 hours.	16 hours	22 hours.	From Minima.
January	68	63	55	76	80
February	58	58	44	61	74
March	59	59	40	61	84
April	64	64	50	Discontinued.	85
May	66	63	52		90
June	72	67	61		94
July	73	72	59		95
August	73	73	57		96
September	71	68	57		97
October	74	70	63		97
November	?	75	72		?
December	?	67	65		?
Year	?	67	56	?	?

109. WELLINGTON.

Mean.	10 hours.	16 hours.	22 hours.	From Minima.
79	68	74	90	84
58	40	47	75	76
57	39	47	69	76
57	47	50	Discontinued.	81
73	65	73		86
70	63	68		79
66	62	63		74
71	68	69		81
76	69	74		88
79	72	79		90
80	76	80		91
72	68	74		78
70	61	67	?	82

110. CALICUT.

Mean.	10 hours.	16 hours.	From Minima.
69	60	58	90
71	62	61	91
75	68	65	91
75	68	68	89
79	73	74	91
89	87	84	95
90	88	84	98
89	88	84	96
85	81	77	96
81	77	72	95
79	73	69	94
70	62	58	91
79	74	71	93

111. COIMBATOR.

Mean.	10 hours.	16 hours.	From Minima.
64	72	55	67
?	63	44	Dry min. imperfect.
?	61	38	Ditto not recorded.
?	59	49	Ditto.
?	62	56	Ditto.
?	66	66	Ditto.
?	67	62	Ditto.
?	67	64	Ditto.
?	66	63	Ditto.
?	69	60	Ditto.
?	72	66	Ditto.
?	72	66	Ditto.
?	66	57	?

112. TRICHINOPOLY.

Month.	Mean.	10 hours.	16 hours.	22 hours.	From Minima.
January	72	67	53	83	88
February	66	61	42	77	90
March	60	58	36	71	86
April	57	57	41	Discontinued.	81
May	59	58	44		82
June	53	51	40		74
July	49	49	37		66
August	51	51	39		71
September	58	57	46		76
October	69	66	59		87
November	73	73	69		91
December	71	70	66		89
Year	62	60	48	?	82

113. NEGAPATAM.

Mean.	10 hours	16 hours.	22 hours	From Minima.
78	74	70	77	92
73	65	64	76	89
72	65	62	75	87
73	65	69	Discontinued.	88
74	70	70		86
63	55	61		77
66	60	60		80
68	62	63		81
72	66	69		85
80	77	74		91
83	82	78		91
80	77	75		91
73	68	68	?	87

114. MADURA.

Mean.	10 hours.	16 hours.	From Minima.
67	61	59	85
62	59	48	87
57	53	44	82
53	53	40	82
57	56	46	73
49	46	41	65
47	43	40	62
50	47	41	66
56	52	50	72
64	63	53	78
74	67	68	87
73	69	67	86
59	56	50	77

115. COCHIN.

Mean.	10 hours.	16 hours	22 hours.	From Minima.
71	58	58	81	90
71	60	59	78	90
75	67	64	78	92
76	71	68	Discontinued.	90
81	77	75		93
88	85	83		96
86	83	82		96
86	82	82		97
85	81	78		97
81	75	74		95
79	73	70		95
70	63	61		90
79	73	71	?	93

Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Year.
116 Colombo	73	71	73	79	78	80	76	78	76	78	81	78	77
117 Jaffna	75	72	75	81	83	84	85	90	88	88	90	87.	83
118 Trincomalee	77	74	76	78	78	74	72	70	70	79	88	84	77
119 Batticaloa	83	84	84	84	82	74	74	78	82	89	88	89	83
120 Hambantota	72	68	74	77	79	80	76	76	73	80	84	84	77
121 Galle	88	85	86	91	90	90	90	91	91	91	90	90	89
122 Kandy	77	76	81	73	76	83	77	77	76	78	78	81	78
123 Nowera Eliya	73	55	73	81	91	97	86	87	93	?	?	?	?

Month.	124. Bhamo.				125. Kendat.				126. Mandalay.				127. Akyab.				128. Thayetmyo.			
	Mean.	10 hours.	16 hours.	From Minima	Mean.	10 hours.	16 hours.	From Minima	Mean.	10 hours.	16 hours.	From Minima	Mean.	10 hours.	16 hours.	From Minima	Mean.	16 hours.	16 hours.	From Minima
January	?	75	61	Shade min. untrustworthy.	?	89	77	Wet min. untrustworthy.	59	62	41	73	64	68	52	72	65	60	46	90†
February	?	71	50		?	83	63		52	51	34	70	72	66	57	94	58	53	35	85
March	66	62	45	91*	?	64	40		42	40	24	62	67	64	61	75	52	48	32	75
April	69	65	56	87	?	63	48		40	37§	22*	61§	69	66	65	75	53	52	37	69‖
May	73	70	60	89	64	57	46†	89‡	59	59*	47*	72*	76	76	73†	78	69	65	60	81†
June	88	86	82	95	85	82	79	93	71	70	62	80	85	88	87	80	81	79	76	88
July	86	85	79	95	88	85	85	93	71	70	67	77	87	90	90	82	81	81	70	92
August	86	87	78	93	90	88	88	93	77	79	70	82	87	91	89	81	84	79	80	93
September	84	81	76	95	90	88	88	93	81	84	76	84	82	84	82	80	82	78	73	94
October	77	72	66	94	87	86	81	93	Observations not recorded.				78	79	74	81	78	72	67	95
November	77	79	61	92	85	85	78	91					75	77	71	78	71	64	57	93
December	76	76	59	92	84	85	78†	89					70	73	63	74	66	59	47	92
Year	?	76	64	?	?	80	71	?	?	?	?	?	76	77	72	79	70	66	57	87

* Mean of 25 days.
† „ „ 30 „
‡ „ „ 23 „
§ Mean of 26 days.
‖ „ „ 29 „

129. TOUNGOO. 130. BASSEIN. 131. DIAMOND ISLAND. 132. RANGOON. 133. MOULMEIN.

Month.	129. Toungoo. Mean.	10 hours.	16 hours.	From Minima.	130. Bassein. Mean.	10 hours.	16 hours.	From Minima.	131. Diamond Island. Mean.	10 hours.	16 hours.	From Minima.	132. Rangoon. Mean.	10 hours.	16 hours.	From Minima.	133. Moulmein. Mean.	10 hours.	16 hours.	From Minima.
January	67	71	54	77	68	61	49	95	70	64	59	88	65	62	49	85	65	62	42	90
February	65	65	46	84	65	58	43	94	75	67	66	91	66	65	45	89	69	64	47	95
March	56	56	35	76	63	53	43	94	78	69	70	96	62	58	42	87	64	59	44	90
April	57	57	36	77	65	55	48	93	76	67	68†	93	65	58	48	88	70	63	57	89
May	65	66*	57*	73	78	69	72	93*	79	72	74	92	76	70	69	90	81	78	71	94
June	83	86†	86	76	89	84	87	95	91	88	87	98	89	87	88	92	90	89	86	96
July	84	87	90	75	90	88	86	95	89	84	83	100	90	89	90	92	93	92	89	97
August	84	89	87	76	90	88	86	95	90	86	85	58	91	91	90	93	92	92	90	95
September	77	81	76	74	88	84	84	97	88	82	82	99	88	88	83	93	85	82	79	95
October	74	80	72	70	84	78	77	96	84	76	76	99	83	80	76	92	83	77	77	96
November	73	80	70	70	82	76	76	93	81	74	72	98	81	80	73	91	?	Dry and wet imperfect.	67†	Dry an wet imperfect.
December	59	43	65	68	74	65	63	93	72	63	62	90†	70	67	55	87	67	64‡	49*	88*
Year	70	72	65	75	78	72	68	94	81	74	74	95	77	75	67	90	?	?	67	?

* Mean of 30 days. ‡ Mean of 23 days.
† „ „ 29 „

134. MERGUI. 135. COCOS ISLAND. 136. PORT BLAIR. 137. NANCOWRY.

Month.	134. Mergui. Mean.	10 hours.	16 hours.	From Minima.	135. Cocos Island. Mean.	10 hours.	16 hours.	From Minima.	136. Port Blair. Mean.	10 hours.	16 hours.	From Minima	137. Nancowry. Mean.	10 hours.	16 hours.	From Minima.
January	74	68	62	91	?	64	64	Shade min. untrustworthy	75	72	65	87	72	65	65	85
February	77	73	66	92	71	66*	67†	81*	75	69	63	92	72	65	65	85
March	79	73	71	92	74	68	67	87	74	72	64	85	74	65	64	92
April	78	72	69	92	Imperfect.				75	69	68	87	75	67	67	92
May	83	80	77	92					83	82	79	88	81	76	76	90
June	91	91	89	92					87	86	85	91	82	79	79	89
July	88	88	85	92					81	79	79	86	78	73	73	88
August	89	88	87	92	Observations not recorded.				82	81	81	85	82	78	77	92
September	87	85	85	92					87	85	84	91	86	81	81	96
October	82	78	73	92					82	80	77	89	84	79	79	95
November	80	74	75	92					84	83	81	89	86	81	80	96
December	75	67	66	91					78	77	74	84	?	Imperfect.		
Year	82	78	76	92	?	?	?	?	80	78	75	88	?	?	?	?

* Mean of 28 days.
† „ „ 27 „

TABLE XIII.—MEAN PROPORTION OF CLOUDED SKY IN 1888. (137 STATIONS).

Month.	1. Baghdad. Mean.	10 hours.	16 hours.	2. Aden. Mean.	10 hours.	16 hours.	3. Amini Divi. Mean.	10 hours.	16 hours.	4. Quetta. Mean.	10 hours.	16 hours.	5. Leh. Mean.	6 hours.	10 hours.	16 hours.	22 hours.	6. Mooltan. Mean.	10 hours.	16 hours.
January	2·90	3·03	2·77	3·66	6·55	0·77	3·21	2·94	3·48	3·18	3·13	3·23	5·99	5·84	6·84	7·13	4·16	3·21	3·39	3·03
February	4·24	3·79	4·69	4·03	6·70*	1·36†	2·88	3·03	2·72	4·00	3·55	4·45	6·43	7·10	6·83	6·59	5·21	3·47	3·45	3·48
March	2·76	2·81	2·71	2·12	3·52	0·71	2·73	2·81	2·65	2·47	2·52	2·42	4·86	5·13	4·48	5·58	4·23	1·77	1·77	1·77
April	3·10	2·77	3·43	1·74	2·90	0·57	5·60	5·40	5·80	2·22	1·33	3·10	6·47	6·23	6·50	7·63	5·50	1·35	1·37	1·33
May	2·16	2·32	2·00	1·40	2·03	0·77	7·65	7·84	7·45	0·58	0·16	1·00	4·86	3·94	5·45	6·77	3·26	0·05	0	0·09
June	0·94	1·07	0·80	0·95	0·97	0·93	9·35	9·23	9·47	0·14	0	0·27	5·78	5·83	6·27	7·03	4·00	0·09	0	0·17
July	0	0	0	0·34	0·29	0·39	8·20	8·16	8·23	0·82	0·61	1·03	4·92	5·13	5·16	5·81	3·58	0·39	0·48	0·29
August	0·07	0	0·13	0·84	1·23	0·45	8·32	8·19	8·45	0·55	0·29	0·81	4·20	4·48	4·52	5·39	2·42	2·10	2·00	2·19
September	1·34	1·37	1·30	2·93	4·13	1·73	5·65	5·73	5·57	0·05	0·03	0·07	2·52	2·17	2·93	3·67	1·30	0	0	0
October	3·95	3·74	4·16	1·19	1·82	0·55	7·15	7·16	7·13	0·47	0·39	0·55	4·57	3·90	4·03	6·42	3·94	0·54	0·39	0·68
November	2·77	2·40	3·13	1·59	2·40	0·77	6·07	5·80	6·33	2·05	1·93	2·17	4·89	4·87	5·00	5·70	3·97	0·97	0·97	0·97
December	3·68	3·61	3·74	2·42	4·13	0·71	4·82	5·16	4·48	1·47	1·52	1·42	4·38	4·10	4·45	5·77	3·19	1·39	1·36	1·42
Year	2·33	2·24	2·41	1·93	3·06	0·81	5·97	5·95	5·98	1·50	1·29	1·71	4·99	4·89	5·21	6·12	3·73	1·28	1·27	1·29

* Mean of 27 days. † Mean of 28 days.

Month.	7. Dera Ismail Khan. Mean.	10 hours.	16 hours.	8. Peshawar. Mean.	10 hours.	16 hours.	9. Murree. Mean.	10 hours.	16 hours.	10. Rawalpindi. Mean.	10 hours.	16 hours.	11. Sialkot. Mean.	10 hours.	16 hours.	*12. Lahore. Mean.	4 hours.	10 hours.	16 hours.	22 hours.
January	3·97	3·74	4·19	4·76	4·74	4·77	6·02	5·87	6·16	4·49	4·52	4·45	4·47	4·45	4·48	2·97	2·26	3·45	3·26	2·90
February	4·14	4·24	4·03	5·13	5·59	4·66	7·00	6·90	7·10	4·52	4·86	4·17	5·11	4·76	5·45	4·11	3·10	5·24	4·79	3·32
March	3·71	3·48	3·94	5·47	4·87	6·06	5·10	4·81	5·39	3·54	3·55	3·52	3·68	3·06	4·29	2·36	2·00	2·19	3·26	2·00
April	3·60	3·03	4·17	5·37	5·00	5·73	6·39	6·10	6·67	5·10	4·87	5·33	4·59	4·20	4·97	3·17	1·83	2·33	4·80	3·70
May	1·49	1·42	1·55	2·99	2·10	3·87	4·31	3·00	5·61	2·94	2·65	3·23	2·50	2·58	2·42	3·08	3·13	3·23	3·13	2·84
June	1·62	1·37	1·87	2·32	1·90	2·73	3·72	3·17	4·27	2·32	2·13	2·50	1·37	1·50	1·23	4·96	5·03	5·60	4·53	4·67
July	2·04	2·26	1·81	3·12	1·52	4·71	5·99	5·84	6·13	3·13	3·19	3·07	3·15	3·81	2·48	4·90	5·94	5·32	4·61	3·74
August	1·70	2·07	1·32	2·66	1·45	3·87	6·78	6·55	7·00	4·53	5·45	3·61	4·39	4·61	4·16	3·63	3·77	4·10	4·26	2·39
September	0·07	0	0·13	0·72	0	1·43	1·35	1·07*	1·62*	0·40	0·37	0·43	1·00	0·97	1·03	0·25	0·33	0·23	0·17	0·27
October	1·49	1·26	1·71	2·92	2·03	3·81	3·47	3·19	3·74	2·45	2·48	2·42	1·76	1·65	1·87	0·95	1·06	1·32	1·09	0·32
November	1·32	1·43	1·20	2·78	2·43	3·13	3·37	3·60	3·13	1·99	1·90	2·07	1·64	1·70	1·57	0·98	0·80	1·23	1·10	0·77
December	2·28	2·32	2·23	3·44	3·97	2·90	3·84	3·84	3·84	2·96	2·94	2·97	2·68	2·39	2·97	1·60	1·19	2·16	2·16	0·90
Year	2·29	2·22	2·35	3·47	2·97	3·97	4·78	4·59	5·06	3·20	3·24	3·15	3·03	2·97	3·08	2·75	2·54	3·03	3·10	2·32

* Mean of 29 days.

TABLE XIII.—MEAN PROPORTION OF CLOUDED SKY IN 1888.

Month.	13. Ludhiana. Mean.	14. Chamba. 10 hours.	14. Chamba. 16 hours.	15. Kailang. Mean.	15. Kailang. 4 hours.	15. Kailang. 6 hours.	15. Kailang. 10 hours.	15. Kailang. 16 hours.	15. Kailang. 22 hours.	16. Simla. Mean.	16. Simla. 10 hours.	16. Simla. 16 hours.	17. Delhi. Mean.	17. Delhi. 10 hours.	17. Delhi. 16 hours.	18. Sirsa. Mean.	18. Sirsa. 10 hours.	18. Sirsa. 16 hours.
January	4·82	4·45	5·19	4·66	4·00	Observed previously at 4 P.M.	5·39	5·97	3·29	5·99	5·58	6·39	4·94	4·58	5·29	3·79	4·03	3·55	4·45	4·45	4·45
February	5·90	5·48	6·31	5·79	4·69		6·31	6·97	5·17	7·44	6·66	8·21	6·40	5·97	6·83	4·35	4·83	3·86	4·76	4·21	5·31
March *	4·00	3·61	4·39	4·05	3·00		4·58	5·32	3·29	5·25	4·39	6·10	3·66	3·55	3·77	2·91	3·29	2·52	3·49	3·52	3·45
April	4·04	4·50	3·57	5·22	Hour of observation changed from 1st April.	4·97	4·63	6·40	4·87	7·00	5·90	8·10	4·42	4·07	4·77	1·80	1·37	2·23	3·60	3·33	3·87
May	0·55	0·19	0·90	3·35		2·52*	2·97†	5·70†	2·20†	5·81	3·39	8·23	2·86	2·61	3·10	2·90	3·06	2·74	3·36	2·74	3·97
June	1·47	1·43	1·50	3·26		2·70	2·59*	6·07	1·67	6·52	4·73	8·30	5·45	5·40	5·50	3·95	3·87	4·03	4·45	3·49*	5·40
July	5·53	5·19	5·87	6·76		7·29	7·03	6·52	6·19	7·03	6·58	7·48	8·83	8·81	8·84	7·58	7·90	7·26	5·78	4·94	6·61
August	7·00	7·10	6·90	6·82		7·52	6·16	6·03	7·58	6·15	5·58	6·71	8·42	8·16	8·68	7·07	7·26	6·87	5·45	4·87	6·03
September	2·54	2·40	2·67	2·63		2·67	2·10	3·93	2·83	3·27	2·50	4·03	5·53	4·93	6·13	2·77	2·73	2·80	1·50	1·10	1·90
October	2·36	1·97	2·74	1·96		1·52	2·10	3·23	1·00	3·13	2·35	3·90	2·46	2·39	2·52	2·05	1·77	2·32	1·84	1·29	2·39
November	3·10	2·70	3·50	3·16		1·87	3·00	5·13	2·63	5·09	4·18	6·00	4·07	3·53	4·60	1·87	1·90	1·83	1·69	1·10	2·27
December	3·34	3·06	3·61	4·61		3·39	4·48	4·39	2·19	5·44	4·97	5·90	2·46	2·10	2·81	0·57	0·42	0·71	1·73	1·42	2·03
Year	3·72	3·51	3·93	4·36	?	?	4·28	5·47	3·58	5·68	4·73	6·61	4·96	4·68	5·24	3·47	3·54	3·39	3·51	3·04	3·97

* Mean of 29 days. † Mean of 30 days.

Month.	19. Chakrata. Mean.	19. Chakrata. 10 hours.	19. Chakrata. 16 hours.	20. Mussooree (Trgl. S. Office). Mean.	20. Mussooree (Trgl. S. Office). 10 hours.	20. Mussooree (Trgl. S. Office). 16 hours.	21. Dehra. Mean.	21. Dehra. 0-30 hours.	21. Dehra. 15-30 hours.	22. Roorkee. Mean.	22. Roorkee. 10 hours.	22. Roorkee. 16 hours.	23. Ranikhet. Mean.	23. Ranikhet. 10 hours.	23. Ranikhet. 16 hours.	24. Pithoragarh. Mean.	24. Pithoragarh. 10 hours.	24. Pithoragarh. 16 hours.
January	5·16	4·90	5·42	5·04	4·52	5·55	4·18	3·61	4·74	3·21	3·12	3·29	4·20	3·58	4·81	4·13	3·90	4·35
February	6·67	6·48	6·86	6·50	6·28	6·72	5·00	4·24	5·76	3·52	3·38	3·66	5·93	5·72	6·14	6·26	6·41	6·10
March	3·68	3·06	4·29	4·25	3·94	4·55	2·92	2·65	3·19	1·67	1·83	1·51	2·79	2·19	3·39	3·31	2·35	4·26
April	4·39	3·17	5·60	4·14	3·30	4·97	2·65	2·03	3·27	1·68	1·06	2·30	2·82	2·33	3·30	3·45	2·80	4·10
May	3·05	2·06	4·03	2·73	1·87	3·58	1·00	0·52	1·48	1·39	1·68	1·09	2·28	1·55	3·00	3·42	1·87	4·97
June	4·27	4·13	4·40	3·75	3·33	4·17	2·52	2·50	2·53	2·33	2·83	1·83	3·00	3·17	2·83	4·07	2·97	5·17*
July	9·52	9·52	9·52	9·66	9·61	9·71	8·47	8·74	8·19	7·13	7·71	6·55	9·42	9·45	9·39	8·79	9·26	8·32
August	8·97	8·39	9·55	9·15	8·84	9·45	7·52	7·10	7·94	6·85	6·87	6·83	9·02	8·84	9·19	8·52	8·39	8·65
September	6·37	5·80	6·93	7·85	7·37	8·33	4·65	3·93	5·37	3·32	3·43	3·20	6·10	6·27	5·93	5·82	6·37	5·27
October	1·94	1·97	1·90	2·31	2·52	2·10	1·95	2·00	1·90	1·68	1·90	1·45	2·42	2·23	2·61	3·06	3·06	3·08
November	3·80	3·53	4·07	4·90	3·97	5·83	2·89	2·17	3·60	1·81	1·66	1·96	2·70	2·30	3·10	3·10	3·40	2·80
December	0·78	0·52	1·03	2·37	1·41*	3·32†	0·97	0·71	1·23	0·65	0·58	0·71	1·03	0·90	1·16	1·26	1·26	1·26
Year	4·88	4·46	5·30	5·22	4·75	5·69	3·73	3·35	4·10	2·94	3·00	2·87	4·31	4·04	4·57	4·60	4·34	4·86

* Mean of 29 days. † Mean of 28 days.

	25. MEERUT.			26. BAREILLY.			27. AGRA.			28. LUCKNOW.			29. GORAKHPUR.			30. JHANSI.		
MONTH.	Mean.	10 hours.	16 hours.	Mean.*	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.
January .	4·10	3·84	4·35	3·91	3·55	4·26	4·20	3·94	4·45	4·34	4·13	4·55	2·66	2·42	2·90	2·83	2·81	2·84
February .	4·11	4·07	4·14	3·83	3·55	4·10	3·81	3·69	3·93	3·92	3·66	4·17	2·19	2·00	2·38	2·68	2·66	2·69
March .	2·29	2·19	2·39	2·78	2·10	3·45	2·29	1·55	3·03	2·47	2·32	2·61	1·60	1·45	1·74	2·26	1·90	2·61
April .	1·22	1·07	1·37	2·10	2·07	2·13	0·65	0·50	0·80	2·12	1·80	2·43	1·44	1·50	1·37	1·95	1·17	2·73
May .	1·36	1·16	1·55	1·03	1·03	1·03	0·36	0·19*	0·52*	1·31	0·68	1·94	1·81	1·77	1·84	1·95	1·03	2·87
June .	1·82	2·70	0·93	1·89	2·27	1·50	1·94	2·10	1·77	3·52	3·30	3·73	2·72	2·63	2·80	3·92	2·93	4·90
July .	6·79	7·71	5·87	7·60	8·06	7·13	5·94	6·23	5·65	7·29	7·87	6·71	4·75	4·68	4·81	7·74	7·61	7·87
August .	6·31	6·61	6·00	7·39	7·77	7·00	5·89	5·52	6·26	7·68	7·90	7·45	4·62	4·68	4·55	7·97	8·42	7·52
September .	3·27	3·43	3·10	4·95	5·03	4·87	3·27	3·03	3·50	5·75	6·20	5·30	3·87	4·03	3·70	4·22	3·67	4·77
October .	1·71	1·42	2·00	1·97	1·94	2·00	0·86	0·48	1·23	1·20	1·10	1·29	0·71	0·74	0·68	1·81	1·19	2·42
November .	1·12	1·33	0·90	1·48	1·33	1·63	0·84	0·57	1·10	2·25	2·23	2·27	1·57	1·80	1·33	2·47	2·20	2·73
December .	0·31	0·19	0·42	0·73	0·77	0·68	0·59	0·52	0·65	0·66	0·58	0·74	0·45	0·45	0·45	0·70	0·52	0·87
Year .	2·87	2·98	2·75	3·31	3·29	3·32	2·55	2·36	2·74	3·54	3·48	3·60	2·37	2·35	2·38	3·38	3·01	3·74

* Mean of 27 days.

	31. ALLAHABAD.					32. BENARES.			33. GHAZIPUR.			34. KATMANDU.			35. SIBSAGAR.			36. TEZPUR.		
MONTH.	Mean.	6 hours.	10 hours.	16 hours.	22 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.
January .	3·79	4·00	3·81	4·94	2·42	4·44	4·16	4·71	3·79	3·67	3·90	3·71	4·16	3·26	4·65	5·13	4·16	3·18	2·97	3·39
February .	2·19	2·59	2·21	3·00	0·97	2·94	2·97	2·90	2·45	2·48	2·41	2·16	2·52	1·79	4·67	4·96	4·38	2·33	2·62	2·03
March .	2·02	1·90	2·19	2·39	1·58	1·97	1·77	2·16	1·58	1·54	1·61	3·76	2·65	4·87	5·63	6·03	5·23	3·23	3·74	2·71
April .	1·91	1·73	2·03	2·50	1·37	1·52	1·33	1·70	1·20	1·03	1·36	4·34	3·90	4·77	6·72	6·87	6·57	4·39	4·57	4·20
May .	1·23	1·55	1·03	1·68	0·65	1·13	1·35	0·90	1·03	1·06	1·00	4·57	3·97	5·16	6·42	6·87	5·97	3·21	3·48	2·94
June .	3·50	4·40	3·43	2·66	3·53	2·22	2·60	1·83	2·23	2·46	2·00	4·03	3·23	4·83	7·19	8·07	6·30	3·10	3·80	2·40
July .	8·86	9·16	9·39	8·45	8·45	7·91	7·97	7·84	6·95	7·64	6·25	6·31	5·03	7·58	8·39	9·32	7·45	3·39	4·03	2·74
August .	8·67	8·87	8·94	8·94	7·94	8·11	8·35	7·87	6·67	7·41	5·93	4·88	4·23	5·52	8·20	8·81	7·58	3·23	3·97	2·48
September .	5·71	6·20	5·70	5·93	5·00	5·07	5·10	5·03	4·50	4·93	4·06	4·87	4·23	5·50	7·67	8·27	7·07	2·84	3·40	2·27
October .	0·92	1·29	0·84	1·10	0·45	1·49	1·00	1·97	0·97	0·77	1·16	2·76	2·97	2·55	4·29	5·52	3·06	2·53	2·90	2·16
November .	4·46	3·43	3·20	3·53	7·67	3·38	3·33	3·43	2·22	2·03	2·40	1·59	1·40	1·77	3·90	4·93	2·87	2·74	2·87	2·60
December .	0·61	1·23	0·74	0·45	0	0·58	0·58	0·58	0·48	0·51	0·45	1·87	2·58	1·16	2·65	2·32	2·97	2·29	1·89	2·68
Year .	3·66	3·86	3·63	3·80	3·34	3·40	3·38	3·41	2·84	2·96	2·71	3·74	3·41	4·06	5·87	6·43	5·30	3·04	3·35	2·72

Month.	37. Dhubri. Mean.	10 hours.	16 hours.	38. Tura. Mean.	10 hours.	15 hours.	39. Silchar. Mean.	10 hours.	16 hours.	40. Darjeeling. Mean.	10 hours.	16 hours.	41 Pedong. Mean.	10 hours.	16 hours.	42. Purnfah. Mean.	10 hours.	15 hours.
January	2·41	2·23	2·58	2·29	2·03	2·55	4·42	4·16	4·68	6·13	5·93*	6·33‖	5·99	5·13	6·84	2·28	·2·23	2·32
February	1·43	1·31	1·55	2·07	1·93	2·21	4·05	3·86	4·24	6·55	6·03	7·07‖	5·74	5·72	5·76	1·09	0·83	1·34
March	3·18	3·26	3·10	2·36	2·71	2·00	5·42	5·52	5·32	6·69	6·42	6·96†	6·50	4·93‖	8·07¶	1·07	1·00	1·13
April	4·67	5·83	3·50	3·79	4·36*	3·21†	7·75	7·80	7·70	5·69	5·74*	5·63	4·84	3·60	6·07	1·62	2·37	0·87
May	5·21	6·03	4·39	5·05	4·87	5·23	6·68	6·94	6·42	7·32	7·35	7·28*	6·69	6·50	6·87	2·73	3·87	1·58
June	6·95	7·13	6·77	5·22	5·33	5·10	8·68	9·13	8·23	8·34	8·60	8·08‡	8·66	9·07	8·24*	2·07	2·47	1·67
July	7·57	7·74	7·39	6·69	6·77	6·61	8·84	9·00	8·68	9·39	9·52	9·25†	5·20	4·39	6·00	4·49	4·74	4·23
August	7·65	7·32	7·97	7·23	6·90	7·55	8·66	8·90	8·42	8·86	8·74	8·97*	8·93	9·00‡	8·85‡	5·10	5·57¶	4·63¶
September	6·02	6·47	5·57	6·15	6·47	5·83	8·20	8·53	7·87	8·54	8·57	8·50†	7·97	7·93‖	8·00*	4·09	4·40	3·77
October	2·23	1·97	2·48	2·40	2·74	2·06	4·42	4·77	4·06	6·43	5·90	6·95§	4·82	4·33¶	5·31*	1·52	1·19	1·84
November	2·90	3·17	2·63	2·57	2·77	2·37	5·24	5·30	5·17	4·85	4·38*	5·31*	4·20	3·77	4·62*	2·00	1·97	2·03
December	1·08	1·19	0·97	2·66	2·97	2·35	2·82	3·19	2·45	?	2·97*	Imperfect.	3·18	2·63¶	3·73¶	0·61	0·61	0·61
Year	4·28	4·47	4·08	4·04	4·15	3·92	6·26	6·42	6·10	?	6·68	?	6·06	5·58	6·53	2·39	2·60	2·17

* Mean of 29 days.
† „ „ 28 „
‡ Mean of 26 days.
§ „ „ 22 „
‖ Mean of 27 days.
¶ „ „ 30 „

Month.	43. Durbhunga. Mean.	10 hours.	16 hours.	44. Patna. Mean.	10 hours.	16 hours.	45. Gya. Mean.	10 hours.	16 hours.	46. Hazaribagh. Mean.	10 hours.	16 hours.	47. Berhampore. Mean.	10 hours.	16 hours.	48. Burdwan. Mean.	10 hours.	16 hours.
January	2·71	2·35	3·06	4·39	4·10	4·68	4·02	3·35	4·68	4·31	3·87	4·74	3·52	3·77	3·26	3·05	3·10	3·00
February	1·66	1·69	1·62	2·30	2·28	2·31	2·47	2·21	2·72	2·78	3·31	2·24	1·71	1·90	1·52	1·76	1·86	1·66
March	0·19	0·19	0·19	1·53	1·16	1·90	2·00	1·58	2·42	3·02	2·00	4·03	2·18	2·13	2·23	2·52	1·94	3·10
April	0·95	1·27	0·63	1·22	1·40	1·03†	2·12	1·57	2·67	3·08	2·03	4·13	3·90	4·60	3·20	3·04	2·60	3·47
May	1·18	2·00	0·35	1·47	1·81	1·13	3·26	3·32	3·19	3·55	2·65	4·45	5·73	6·00	5·45	4·32	4·18*	4·46*
June	3·13	4·03	2·23	4·03	4·17	3·90	5·10	4·90	5·30	5·53	3·43	7·63	7·15	7·17	7·13	4·87	3·90	5·83
July	6·31	7·13	5·48	9·48	9·61	9·35	7·84	8·10	7·58	9·81	10·00	9·61	9·39	9·65	9·13	8·63	8·55	8·71
August	5·57	6·29	4·84	8·37	8·26	8·48	7·23	6·90	7·55	9·69	9·77	9·61	9·18	9·26	9·10	8·97	8·77	9·16
September	4·38	4·63	4·13	6·70	6·70	6·70	5·17	4·37	5·97	7·95	7·83	8·07	7·10	7·50	6·70	6·87	6·87	6·87
October	1·10	1·00	1·19	2·18	1·84	2·52	2·75	2·32	3·18	3·55	2·74	4·35	3·83	2·84	4·81	1·78	1·32	2·23
November	0·99	1·20	0·77	3·45	3·60	3·30	3·71	3·67	3·75	4·75	3·97	5·53	4·17	4·47	3·87	3·76	3·76‖	3·76‖
December	0·28	0·42	0·13	0·63	0·74	0·52	1·18	1·26	1·10	1·08	1·26	0·90	1·25	1·26	1·23	0·99	1·00	0·97
Year	2·37	2·68	2·05	3·81	3·81	3·82	3·90	3·63	4·18	4·93	4·41	5·44	4·93	5·05	4·80	4·21	3·99	4·44

* Mean of 28 days.
† „ „ 29 „

Month.	49. Jessore. Mean.	10 hours.	16 hours.	50. Dacca. Mean.	10 hours.	16 hours.	51. Chittagong. Mean.	10 hours.	16 hours.	52. Demagiri. Mean.	10 hours.	16 hours.	53. Calcutta (Alipore). Mean.	6 hours.	10 hours.	16 hours.	22 hours.
January	3·50	3·32	3·68	2·77	2·48	3·06	1·79	1·58	2·00	1·25	1·23	1·26	3·04	3·97	2·94	2·52	2·74
February	2·16	2·24	2·07	1·48	1·48	1·48	2·71	2·72	2·69	1·36	1·34	1·38	1·70	2·24	1·86	1·93	0·76
March	3·60	3·39	3·81	3·15	3·61	2·68	3·73	4·68	2·77	1·27	1·19	1·35	2·86	3·90	2·16	2·13	3·23
April	4·26	4·13	4·38*	4·63	5·13	4·13	5·39	6·00	4·77	3·44	2·80	4·07	3·58	5·27	3·30	2·60	3·17
May	5·91	6·39	5·42	4·31	5·32	3·29	4·13	5·16	3·10	1·62	1·39	1·84	5·20	7·06	4·87	3·94	4·94
June	6·95	6·87	7·03	6·67	6·83	6·50	7·47	7·97	6·97	4·12	3·10	5·13	6·11	7·93	5·50	6·50	4·50
July	9·12	9·00	9·23	7·47	8·23	6·71	7·07	7·61	6·52	6·11	4·74	7·48	8·37	9·23	9·10	8·58	6·58
August	9·05	9·23	8·87	8·00	8·90	7·10	7·13	7·16	7·10	6·18	4·68	7·68	8·46	9·42	9·16	9·06	6·19
September	7·58	7·63	7·53	5·73	6·63	4·83	6·44	6·47	6·40	3·89	3·50	4·27	6·49	7·63	6·50	7·63	4·20
October	3·33	3·00	3·65	2·63	2·77	2·48	2·81	2·84	2·77	1·44	1·03	1·84	2·50	2·32	2·61	3·97	1·10
November	4·16	4·11†	4·20‡	3·40	3·43	3·37	4·12	4·17	4·07	1·79	1·97	1·60	3·87	5·13	4·17	4·03	2·13
December	1·04	0·81	1·26	0·95	0·48	1·42	1·84	1·68	2·00	0·81	0·94	0·68	0·90	1·19	0·55	1·45	0·42
Year	5·06	5·01	5·09	4·27	4·61	3·92	4·55	4·84	4·26	2·77	2·33	3·22	4·42	5·44	4·39	4·53	3·33

* Mean of 29 days. † Mean of 27 days. ‡ Mean of 25 days.

Month.	54. Saugor Island. Mean.	4 hours.	10 hours.	16 hours.	22 hours.	55. Cuttack. Mean.	10 hours.	16 hours.	56. False Point. Mean.	10 hours.	16 hours.	57. Sambalpur. Mean.	10 hours.	16 hours.	58. Raipur. Mean.	10 hours.	16 hours.
January	2·31	2·45	2·65	2·23	1·90	2·60	1·81	3·39	1·50	1·48	1·52	2·81	2·94	2·68	3·42	3·06	3·77
February	2·16	1·76	3·34	2·69	0·83	2·93	2·86	3·00	3·24	3·62	2·86	1·97	1·52	2·41	2·95	2·34	3·55
March	3·20	2·45	3·71	3·68	2·97	2·12	1·00	3·23	2·70	2·16	3·23	1·74	1·48	2·00	2·57	1·55	3·58
April	4·66	3·57	5·33	5·10	4·63	2·79	1·77	3·80	3·50	3·17	3·83	1·59	1·10	2·07	2·32	1·27	3·37
May	5·44	5·55	6·71	4·39	5·10	4·12	4·00	4·23	4·15	4·77	3·52	2·24	1·58	2·87	3·07	2·23	3·90
June	7·04	6·13	8·07	8·03	5·93	5·42	4·93	5·90	6·68	6·43	6·93	5·84	5·57	6·10	6·75	5·80	7·70
July	8·26	8·06	9·06	8·77	7·13	8·40	8·19	8·61	9·25	9·26	9·23	8·84	8·97	8·71	9·37	9·42	9·32
August	8·46	8·26	9·10	9·19	7·29	8·52	8·32	8·71	8·78	8·87	8·68	8·50	8·97	8·03	9·23	9·42	9·03
September	6·02	5·23	7·07	6·77	5·00	6·85	6·60	7·10	6·65	6·73	6·57	5·43	4·93	5·93	6·60	5·93	7·27
October	4·08	1·94	4·29	4·48	1·61	3·57	3·03	4·10	3·62	3·39	3·84	2·65	2·10	3·19	2·86	2·00	3·71
November	4·17	2·93	5·20	5·10	3·43	4·52	4·50	4·53	4·95	5·00	4·90	3·65	3·90	3·40	3·77	3·60	3·93
December	1·39	0·47	2·10	2·07	0·90	1·68	1·61	1·74	1·92	1·77	2·06	1·36	1·19	1·52	1·52	1·58	1·45
Year	4·77	4·07	5·55	5·21	3·89	4·46	4·05	4·86	4·75	4·72	4·76	3·88	3·69	4·08	4·54	4·02	5·05

Month.	59. Nagpur. Mean.	10 hours.	16 hours.	60. Seoni. Mean.	10 hours.	16 hours.	61. Jubbulpore. Mean.	10 hours.	16 hours.	62. Saugor. Mean.	10 hours.	16 hours.	63. Pachmarhi. Mean.	10 hours.	16 hours.	64. Hoshangabad. Mean.	10 hours.	16 hours.
January	3·16	2·48	3·84	3·83	3·23	4·42	3·26	2·81	3·71	4·05	3·68	4·42	4·17	3·39	4·94	3·84	3·94	3·74
February	2·50	1·59	3·41	3·92	3·07	4·76	2·04	1·79	2·28	3·35	2·86	3·83	3·48	2·24	4·72	2·35	1·76	2·93
March	2·39	1·19	3·58	3·81	2·87	4·74	1·71	1·23	2·19	2·05	1·45	2·65	2·55	1·42	3·68	2·44	1·35	3·52
April	2·09	1·27	2·90	3·20	2·37	4·03	1·52	0·87	2·17	1·47	1·20	1·73	3·95	3·27	4·63	2·25	1·70	2·80
May	2·19	1·19	3·19	3·31	2·64*	3·97*	2·26	0·94	3·58	2·11	1·35	2·87	4·68	4·06	5·29	1·91	1·23	2·58
June	6·50	5·43	7·57	4·75	4·27	5·23	4·73	2·93	6·53	5·27	3·70	6·83	6·88	6·23	7·53	5·52	5·03	6·00
July	8·96	9·23	8·68	5·99	5·68	6·29	8·82	8·90	8·74	8·61	8·87	8·35	9·47	9·65	9·29	8·73	8·74	8·71
August	9·02	9·16	8·87	5·91	5·87	5·94	8·50	8·77	8·23	8·87	9·39	8·35	9·37	9·55	9·19	9·05	9·13	8·97
September	6·10	5·10	7·10	4·80	4·40	5·20	4·75	4·40	5·10	4·72	4·10	5·33	6·37	6·17	6·57	5·44	5·10	5·77
October	2·12	1·65	2·58	3·55	2·87	4·23	2·05	1·74	2·35	1·99	1·81	2·16	3·39	3·16	3·61	2·48	2·35	2·61
November	4·12	4·07	4·17	4·07	3·87	4·27	2·50	2·00†	3·00‡	2·58	2·63	2·53	3·77	3·77	3·77	2·62	2·73	2·50
December	0·94	0·94	0·94	2·49	2·45	2·52	0·58	0·45	0·71	0·67	0·65	0·68	1·61	1·48	1·74	0·67	0·65	0·68
Year	4·17	3·61	4·74	4·14	3·63	4·63	3·56	3·07	4·05	3·81	3·47	4·14	4·97	4·53	5·41	3·94	3·64	4·23

* Mean of 30 days. † Mean of 26 days. ‡ ,, ,, 27 ,,

Month.	65. Khandwa. Mean.	10 hours.	16 hours.	66. Chanda. Mean.	10 hours.	16 hours.	67. Sironcha. Mean.	10 hours.	16 hours.	68. Chikalda. Mean.	10 hours.	16 hours.	69. Buldana. Mean.	10 hours.	16 hours.	70. Akola. Mean.	10 hours.	16 hours.
January	2·24	2·35	2·13	2·78	2·55	3·00	2·24	2·00	2·48	3·94	3·45	4·42	2·77	2·35	3·19	3·08	2·74	3·42
February	1·19	0·69	1·69	1·81	1·38	2·24	1·83	1·72	1·93	3·29	2·20	4·38	1·81	1·38	2·24	1·26	0·97	1·55
March	1·60	0·90	2·29	2·12	1·42	2·81	2·17	1·94	2·39	3·21	1·68	4·74	1·82	1·16	2·48	2·17	1·39	2·94
April	1·52	1·10	1·93	2·34	1·07	3·60	2·50	2·03	2·97	2·92	2·03	3·80	2·35	1·37	3·33	1·70	1·10	2·30
May	1·34	0·71	1·97	2·08	1·45	2·71	2·94	2·45	3·42	3·08	2·81	3·35	1·31	1·03	1·58	2·20	1·58	2·81
June	6·20	5·37	7·03	5·87	4·93	6·80	6·14	5·53	6·74	6·90	6·40	7·40	5·05	4·17	5·93	5·15	3·97	6·33
July	8·32	8·61	8·03	8·47	8·39	8·55	7·99	8·00	7·97	9·54	9·81	9·26	8·37	8·87	7·87	8·60	8·16	9·03
August	8·24	8·42	8·06	7·86	8·19	7·52	7·90	8·03	7·77	9·34	9·61	9·06	8·23	8·65	7·81	8·34	8·03	8·65
September	4·38	3·43	5·33	4·90	4·00	5·80	5·14	4·17	6·10	6·35	6·20	6·50	5·00	4·89	5·10	6·82	5·90	7·73
October	2·11	1·35	2·87	2·26	1·74	2·77	2·53	1·61	3·45	3·58	2·81	4·35	2·76	2·19	3·32	3·33	2·68	3·97
November	3·34	2·80	3·87	4·53	4·43	4·63	4·32	4·83	3·80	4·57	4·47	4·67	3·29	2·97	3·60	3·87	3·20	4·53
December	0·86	0·94	0·77	1·13	0·97	1·29	1·78	1·94	1·61	1·50	1·45	1·55	0·99	1·23	0·74	0·34	0·32	0·35
Year	3·45	3·06	3·83	3·85	3·38	4·31	3·96	3·69	4·22	4·85	4·41	5·29	3·65	3·36	3·93	3·91	3·34	4·47

Month.	71. Amr Aoti.			72. Makhla.			73. Neemuch.			74. Nowgong.			75. Sutna.			76. Indore.		
	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.
January	2·49	2·10	2·87	5·20	4·94	5·45	3·71	3·68	3·74	4·76	4·65	4·87	3·57	3·39	3·74	3·21	3·10	3·32
February	2·09	1·59	2·59	4·90	4·28	5·52	2·59	2·49	2·69	4·14	4·59	3·69	2·54	2·76	2·31	2·78	2·03	3·52
March	2·15	1·26	3·03	4·54	2·94	6·13	2·94	2·87	3·00	2·90	2·48	3·32	1·11	0·77	1·45	1·62	0·94	2·29
April	1·97	1·20	2·73	4·05	3·07	5·03	2·04	1·17	2·90	1·97	0·97	2·97	1·10	0·70	1·50	1·00	0·80	1·20
May	1·62	0·94	2·29	3·21	2·61	3·80	1·84	0·42	3·26	2·13	0·84	3·42	1·60	0·94	2·26	1·02	0·35	1·68
June	5·24	4·37	6·10	8·17	7·40	8·93	5·03	3·63	6·43	4·87	3·97	5·77	2·92	2·10	3·73	5·52	4·73	6·30
July	8·66	9·03	8·29	9·71	10·00	9·42	9·36	9·29	9·42	8·89	8·94	8·84	7·24	7·42	7·06	9·53	9·61	9·45
August	8·38	8·65	8·10	9·86	10·00	9·71	8·48	8·77	8·19	8·97	9·16	8·77	7·28	7·32	7·23	9·50	9·65	9·35
September	5·23	4·13	6·33	7·75	7·60	7·90	4·50	4·13	4·87	4·83	3·83	5·83	4·09	3·80	4·37	5·59	4·17	7·00
October	2·79	2·13	3·45	4·73	4·36	5·10	2·67	2·03	3·30	1·42	0·68	2·16	1·26	1·06	1·45	1·89	0·97	2·81
November	3·75	3·70	3·80	5·55	5·43	5·67	3·00	2·90	3·10	3·25	2·77	3·73	2·53	2·33	2·73	2·75	2·20	3·30
December	0·76	1·03	0·48	1·55	1·48	1·61	0·81	0·68	0·94	0·66	0·61	0·71	0·57	0·52	0·61	0·39	0·32	0·45
Year	3·76	3·34	4·17	5·77	5·34	6·19	3·91	3·51	4·32	4·07	3·62	4·51	2·98	2·76	3·20	3·73	3·24	4·22

Month.	77. Bickaneer.			78. Jeypore.					79. Sambhar.			80. Ajmere.			81. Mount Abu.			82. Pachpadra.		
	Mean.	10 hours.	16 hours.	Mean.	4 hours.	10 hours.	16 hours.	22 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.
January	3·61	3·32	3·90	3·84	3·19	4·09	4·67	3·41	3·63	3·29	3·97	3·15	2·87	3·42	3·29	2·74	3·84	3·49	3·74	3·23
February	4·06	3·52	4·59	4·12	3·72	4·03	5·13	3·58	3·81	3·00	4·62	2·59	2·48	2·69	3·18	3·14	3·21	3·66	4·07	3·24
March	2·73	2·32	3·13	2·40	1·58	2·83	4·09	1·09	2·78	1·90	3·65	1·94	1·52	2·35	1·69	1·35	2·03	1·78	1·39	2·16
April	1·79	1·67	1·90	2·11	1·23	2·50	3·10	1·60	2·02	1·57	2·47	1·55	1·57	1·53	1·02	0·67	1·37	0·76	0·55*	0·97*
May	0·56	0·23	0·89	0·79	0·41	1·12	1·48	0·16	0·82	0·35	1·29	0·91	0·58	1·23	0·44	0	0·87	0·60	0·45	0·74
June	1·52	1·17	1·87	2·40	2·33	1·76	3·50	2·00	2·14	1·67	2·60	1·92	1·27	2·57	3·20	3·83	2·57	1·47	1·43	1·50
July	4·16	3·19	5·13	7·34	6·48	7·64	8·64	6·58	8·00	7·71	8·29	6·63	6·65	6·61	8·65	9·00	8·29	6·05	6·29	5·81
August	5·21	4·87	5·55	7·83	7·35	8·71	8·22	7·03	7·71	8·06	7·35	6·97	7·42	6·52	8·92	8·97	8·87	7·11	7·74	6·48
September	0·59	0·80	0·37	2·22	1·76	2·50	3·26	1·36	1·82	1·70	1·93	1·38	1·57	1·20	1·44	1·07	1·80	1·22	0·93	1·50
October	1·55	1·10	2·00	2·60	2·00	2·16	3·70	2·54	2·26	1·52	3·00	1·95	1·45	2·45	2·00	1·48	2·52	1·81	1·32	2·29
November	1·23	1·23	1·23	1·70	0·90	1·83	2·55	1·53	1·20	0·93	1·47	1·70	1·70	1·70	2·30	2·23	2·37	1·57	1·30	1·83
December	0·68	0·71	0·65	0·68	0·51	0·64	1·26	0·32	0·55	0·32	0·77	0·65	0·42	0·87	0·29	0·26	0·32	0·57	0·52	0·61
Year	2·31	2·01	2·60	3·17	2·62	3·32	4·13	2·60	3·06	2·67	3·45	2·61	2·46	2·76	3·04	2·90	3·17	2·51	2·48	2·53

* Mean of 29 days.

Months.	83. Jacobabad. Mean.	10 hours.	16 hours.	84. Hyderabad. Mean.	10 hours.	16 hours.	85. Kurrachee. Mean.	10 hours.	16 hours.	86. Bhuj. Mean.	10 hours.	16 hours.	87. Rajkot. Mean.	10 hours.	16 hours.	88. Deesa. Mean.	10 hours.	16 hours.
January	3·26	3·35	3·16	3·42	3·55	3·29	3·33	3·39	3·26	1·70	1·55	1·84	2·17	1·94	2·39	3·84	3·42	4·26
February	4·60	4·72	4·48	3·92	3·76	4·07	3·66	3·86	3·45	1·76	1·76	1·76	1·71	1·52	1·90	4·30	4·07	4·52
March	3·10	2·74	3·45	3·15	3·16	3·13	1·94	1·87	2·00	0·70	1·00	0·39	1·23	0·84	1·61	2·73	2·90	2·55
April	2·28	2·63	1·93	3·17	3·00	3·33	1·69	1·80	1·57	0·49	0·47	0·50	1·73	1·53	1·93	2·27	2·50	2·03
May	0·39	0·10	0·68	0·58	0·06	1·10	0·71	1·03	0·39	0	0	0	0·66	0·48	0·84	1·80	1·65	1·94
June	0·41	0·43	0·38*	0·25	0·50	0	4·75	5·07	4·43	1·83	2·23	1·43	4·53	3·93	5·13	4·17	4·37	3·97
July	2·20	2·13	2·26	0·57	0·94	0·19	7·18	7·74	6·61	7·00	6·48	7·52	6·44	6·29	6·58	8·73	9·26	8·19
August	1·90	1·77	2·03	0·47	0·55	0·39	7·39	8·29	6·48	8·16	8·32	8·00	5·60	5·45	5·74	9·47	9·55	9·39
September	0·04	0	0·07	0·44	0·50	0·37	4·44	3·67	1·20	1·93	2·43	1·43	2·72	2·27	3·17	3·54	3·10	3·97
October	0·29	0·30†	0·27†	1·13	1·13	1·13	0·99	0·71	1·26	1·36	1·00	1·71	2·42	1·61	3·23	2·70	1·74	3·65
November	1·40	1·33	1·47	1·35	1·37	1·33	0·77	0·77	0·77	1·99	1·87	2·10	2·50	2·37	2·63	2·99	2·90	3·07
December	1·26	1·03	1·48	1·67	1·65	1·68	0·65	0·55	0·74	0·21	0·13	0·29	0·45	0·35	0·55	0·62	0·55	0·68
Year	1·76	1·71	1·81	1·68	1·68	1·67	2·96	3·23	2·68	2·26	2·27	2·25	2·68	2·38	2·98	3·93	3·83	4·02

* Mean of 29 days.
† „ „ 30 „

Months.	89. Surat. Mean.	10 hours.	16 hours.	90. Malegaon. Mean.	10 hours.	16 hours.	91. Bombay. Mean.	8 hours.	10 hours.	16 hours.	22 hours.	92. Poona. Mean.	10 hours.	16 hours.	93. Sholapur. Mean.	10 hours.	16 hours.	94. Ratnagiri. Mean.	10 hours.	16 hours.
January	2·71	2·61	2·81	2·55	2·74	2·35	1·63	1·74	1·90	1·65	1·23	2·26	2·23	2·29	2·40	1·90	2·90	1·08	1·03	1·13
February	1·74	1·93	1·55	2·36	1·00	3·72	0·88	1·17	1·45	0·69	0·21	2·19	1·79	2·59	1·62	1·45	1·79	0·09	0·17	0
March	1·39	1·61	1·16	2·34	1·06	3·61	1·47	3·06	1·00	1·26	0·55	2·47	1·90	3·03	3·34	1·71	4·97	0·45	0·19	0·71
April	1·35	1·17	1·53	2·25	1·57	2·93	1·40	2·07	1·17	1·17	1·17	2·10	1·23	2·97	3·65	2·30	5·00	0·90	0·93	0·87
May	1·92	2·55	1·29	1·26	1·35	1·16	1·99	2·71	1·52	1·39	2·32	2·52	1·81	3·23	4·10	2·71	5·48	2·15	2·29	2·00
June	6·15	7·23	5·07	6·62	5·33	7·90	6·33	6·73	6·27	6·60	5·73	6·65	6·37	6·93	6·80	6·00	7·60	6·07	6·40	5·73
July	9·28	9·42	9·13	9·83	9·84	9·81	9·49	9·81	9·45	9·71	8·97	9·12	9·13	9·10	8·74	8·45	9·03	7·68	7·65	7·71
August	8·07	8·13	8·00	9·53	9·48	9·58	9·31	9·65	9·16	9·26	9·16	8·79	8·90	8·68	8·34	8·42	8·26	6·97	6·84	7·10
September	4·19	3·97	4·40	7·52	6·67*	8·37*	5·73	7·67	5·87	4·57	4·80	6·55	6·27	6·83	7·53	6·78	8·27	5·29	4·90	5·67
October	1·81	1·52	2·10	2·98	2·35	3·61	1·95	2·32	2·00	1·58	1·90	3·66	2·84	4·48	4·54	3·13	5·94	1·86	1·81	1·90
November	1·50	1·73	1·27	3·92	3·33	4·50	3·11	3·60	2·97	3·60	2·27	4·09	3·77	4·40	5·24	5·00	5·47	1·98	2·33	1·63
December	0·71	0·68	0·74	1·48	1·61	1·35	0·74	0·58	1·16	0·77	0·45	1·31	1·39	1·23	2·05	1·61	2·48	1·10	1·03	1·16
Year	3·40	3·55	3·25	4·39	3·86	4·91	3·67	4·26	3·66	3·52	3·23	4·31	3·97	4·65	4·86	4·12	5·60	2·97	2·96	2·97

* Mean of 27 days.

Month.	95 Belgaum. Mean.	10 hours.	16 hours.	96. Karwar. Mean.	10 hours.	16 hours.	97. Gopalpur. Mean.	10 hours.	16 hours.	98. Vizagapatam. Mean.	4 hours.	10 hours.	16 hours.	22 hours.	99. Rajahmundry. Mean.	10 hours.	16 hours.	100. Masulipatam. Mean.	10 hours.	16 hours.
January	2·05	2·03	2·06	1·28	1·29	1·26	1·34	1·39	1·29	2·03	1·55	2·26	1·23	3·06	3·98	4·29	3·67	1·71	2·77	0·65
February	1·09	0·66	1·52	0·16	0·03	0·28	1·69	1·66	1·72	1·10	0·79	1·79	1·14	0·69	3·16	3·69	2·62	1·47	2·86	0·07
March	1·85	0·41	3·29	0·71	0·42	1·00	1·12	0·23	2·00	1·50	1·23	0·97	2·32	1·48	2·26	2·23	2·29	1·94	3·38	0·50
April	2·72	1·87	3·57	2·95	2·93	2·97	1·70	0·30	3·10	2·90	2·47	2·30	4·23	2·57	4·55	4·77	4·33	3·13	3·53	2·73
May	3·70	3·71	3·68	3·87	3·55	4·19	1·45	1·06	1·84	4·34	4·84	4·52	4·23	3·77	5·36	5·87	4·84	3·65	4·55	2·74
June	7·47	7·57	7·37	7·90	7·60	8·20	4·22	3·47	4·97	5·93	5·67	5·83	6·90	5·30	5·89	5·67	6·10	5·93	5·60	6·26
July	9·78	9·74	9·81	7·87	7·26	8·48	6·21	5·90	6·52	7·45	7·06	7·97	7·87	6·90	7·75	7·81	7·68	8·71	8·68	8·74
August	9·05	8·90	9·19	7·58	7·61	7·55	5·67	5·10	6·23	7·23	6·97	7·66	8·42	5·90	7·55	7·61	7·48	8·02	7·32	8·71
September	6·17	5·87	6·47	4·05	4·00	4·10	2·55	2·70	2·40	4·82	4·23	5·57	5·47	4·00	6·12	5·67	6·57	5·75	5·90	5·60
October	3·97	3·35	4·58	2·91	2·26	3·55	2·20	2·26	2·13	3·21	2·23	3·52	3·71	3·39	4·28	3·84	4·71	4·87	5·13	4·61
November	4·69	4·07	5·30	2·99	2·47	3·50	3·63	3·63	3·63	4·69	4·57	4·87	5·10	4·23	5·73	5·63	5·83	5·67	6·17	5·17
December	2·10	1·55	2·65	0·92	0·87	0·97	1·55	1·42	1·68	2·44	1·81	3·00	2·68	2·26	3·92	3·71	4·13	3·55	3·61	3·48
Year	4·55	4·14	4·96	3·60	3·36	3·84	2·78	2·43	3·13	3·97	3·62	4·18	4·44	3·63	5·05	5·07	5·02	4·53	4·96	4·11

Month.	101. Secunderabad. Mean.	10 hours.	16 hours.	22 hours.	102. Kurnool. Mean.	10 hours.	16 hours.	103. Bellary. Mean.	16 hours.	16 hours.	104. Mangalore. Mean.	10 hours.	16 hours.	105. Mercara. Mean.	10 hours.	16 hours.	106. Bangalore. Mean.	10 hours.	16 hours.	22 hours.
January	1·55	1·55	Previously observed at 10 P.M.	1·55	0·97	0·77	1·16	1·73	2·00	1·45	1·11	1·35	0·87	3·97	4·16	3·77	2·54	2·68	Previously observed at 10 P.M.	2·40
February	0·82	0·72		0·91	0·05	0	0·10	0·49	0·31	0·66	0·90	1·52	0·28	2·19	1·79	2·59	0·65	0·34		0·95
March	1·52	0·90		2·13	0·78	0·13	1·42	1·57	0·16	2·97	2·42	2·10	2·74	2·02	0·68	3·35	1·64	1·00		2·27
April	3·63	2·73	4·53	The hour of observation changed.	2·95	2·43	3·47	4·69	3·57	5·80	4·20	4·23	4·17	5·49	4·40	6·57	3·59	2·87	4·30	The hour of observation changed.
May	3·36	2·68	4·03		3·20	2·87	3·52	4·34	3·10	5·58	5·18	5·29	5·06	6·52	5·94	7·10	4·70	3·81	5·58	
June	5·85	5·90	5·80		5·15	5·40	4·90	7·30	7·20	7·40	8·87	8·90	8·83	8·90	8·77	9·03	5·94	6·17	5·70	
July	8·13	8·42	7·84		7·87	8·03	7·71	8·90	8·90	8·90	8·55	8·55	8·55	9·69	9·61	9·77	6·94	7·19	6·68	
August	7·81	7·97	7·65		7·63	6·93	8·32	8·84	8·71	8·97	8·49	8·13	8·84	9·73	9·64	9·81	6·71	6·97	6·45	
September	4·67	4·40	4·93		5·37	4·07	6·67	7·22	6·10	8·33	6·33	6·83	5·83	7·38	7·33	7·43	5·57	5·57	5·57	
October	3·44	3·03	3·84		2·96	2·23	3·68	5·40	4·90	5·90	6·53	6·74	6·32	7·27	7·06	7·48	5·44	4·94	5·94	
November	4·89	4·70	5·07		3·73	3·43	4·03	6·35	6·40	6·30	4·67	5·00	4·33	6·82	6·77	6·87	5·50	5·40	5·60	
December	2·45	2·64	2·26		1·04	1·26	0·81	3·55	3·48	3·61	3·26	3·52	3·00	5·24	5·03	5·45	4·20	4·29	4·10	
Year	4·01	3·80	?	?	3·48	3·13	3·82	5·03	4·57	5·49	5·04	5·18	4·90	6·27	5·93	6·60	4·45	4·27	?	?

TABLE XIII.—MEAN PROPORTION OF CLOUDED SKY IN 1888.

107. CUDDAPAH. 108. MADRAS. 109. SALEM. 110. WELLINGTON. 111. CALICUT.

Month.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	22 hours.	Mean.	10 hours.	16 hours.	22 hours.	Mean.	10 hours.	16 hours.	22 hours.	Mean.	10 hours.	16 hours.
January	2·15	2·32	1·97	3·41	4·13	2·69	1·97	2·03	Previously observed at 10 P.M.	1·90	3·53	2·61	Previously observed at 10 P.M.	4·45	2·47	2·23	2·71
February	0·24	0·38	0·10	2·19	2·97	1·40	1·13	1·17		1·09	1·39	0·86		1·91	1·73	1·62	1·83
March	0·94	0·74	1·13	1·68	2·55	0·81	1·52	1·48		1·55	2·37	1·71		3·03	2·43	2·19	2·67
April	3·20	2·83	3·57	2·94	3·50	2·38	4·92	3·17	6·67	The hour of observation changed.	5·04	3·87	6·20	The hour of observation changed.	3·45	3·57	3·33
May	4·31	4·06	4·55	3·29	3·45	3·13	6·05	4·35	7·74		6·62	5·10	8·13		5·71	5·03	6·39
June	6·29	5·87	6·70	5·06	4·37	5·75	7·13	6·13	8·13		6·94	6·40	7·47		8·97	8·60	9·33
July	7·52	6·97	8·06	7·36	6·97	7·74	8·03	7·61	8·45		7·66	7·68	7·64		7·84	7·55	8·13
August	6·92	6·74	7·10	6·05	5·94	6·16	7·07	6·39	7·74		8·10	7·42	8·77		8·00	7·87	8·13
September	5·50	5·03	5·97	4·59	4·83	4·35	4·27	4·00	4·53		7·29	6·87	7·70		5·05	4·57	5·53
October	4·69	4·19	5·19	5·76	5·87	5·64	4·40	4·10	4·71		7·10	6·58	7·61		6·88	7·10	6·65
November	5·24	5·20	5·27	6·13	6·27	5·99	5·15	4·43	5·87		6·55	6·20	6·90		5·00	4·90	5·10
December	4·60	4·58	4·61	5·32	5·84	4·77	4·84	4·26	5·42		5·73	5·14	6·32		3·53	2·71	4·35
Year	4·30	4·08	4·52	4·48	4·72	4·23	4·71	4·09	?	?	5·69	5·04	?	?	5·09	4·83	5·35

112. COIMBATORE. 113. TRICHINOPOLY. 114. NEGAPATAM. 115. MADURA. 116. COCHIN.

Month.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	22 hours.	Mean.	10 hours.	16 hours.	22 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	16 hours.	22 hours.
January	4·07	4·58	3·55	3·04	4·06	2·02	4·55	5·74	Previously observed at 10 P.M.	3·35	1·10	1·29	0·90	0·35	0·29	Previously observed at 10 P.M.	0·42
February	3·35	3·24	3·45	2·12	3·21	1·02	4·05	5·59		2·50	0·47	0·69	0·24	1·02	0·69		1·36
March	3·81	3·22	4·39	2·78	3·71	1·84	3·01	4·39		1·63	0·65	0·39	0·90	2·12	2·13		2·11
April	4·82	4·03	5·60	4·90	4·57	5·23	4·74	5·20	4·27	The hour of observation changed.	3·02	2·10	3·93	4·37	5·03	3·70	The hour of observation changed.
May	5·33	4·65	6·00	4·89	4·06	5·71	5·84	6·23	5·45		3·69	2·06	5·32	5·60	5·77	5·42	
June	6·03	5·83	6·23	6·07	5·67	6·47	5·77	5·53	6·00		4·95	3·87	6·03	8·34	8·57	8·10	
July	6·66	6·45	6·87	7·24	7·19	7·29	5·97	5·90	6·03		5·79	4·68	6·90	7·60	7·81	7·39	
August	5·73	5·55	5·90	6·33	5·94	6·71	6·08	5·97	6·19		5·00	3·71	6·29	7·46	7·65	7·26	
September	4·93	4·13	5·73	5·07	4·27	5·87	5·52	5·73	5·30		3·74	1·80	5·67	3·73	4·03	3·43	
October	5·50	5·19	5·81	6·62	6·52	6·71	7·02	7·19	6·84		5·00	4·87	5·13	5·83	4·97	6·68	
November	5·07	4·77	5·37	6·80	6·60	7·00	7·37	7·50	7·23		4·52	3·83	5·20	4·20	4·10	4·30	
December	4·70	4·74	4·65	6·87	6·42	7·32	6·95	6·84	7·06		4·36	3·61	5·10	3·58	3·45	3·71	
Year	5·00	4·70	5·30	5·23	5·19	5·27	5·57	5·98	?	?	3·52	2·74	4·30	4·52	4·54	?	?

TABLE XIII.—MEAN PROPORTION OF CLOUDED SKY IN 1888.

Month.	117. Colombo.	118. Jaffna.	119. Trinco-malee.	120. Batticaloa.	121. Hambantota.	122. Galle.	123. Kandy.	124. Newera Eliya.	125. Bhamo. Mean.	125. Bhamo. 10 hours.	125. Bhamo. 16 hours.	126. Mandalay. Mean.	126. Mandalay. 10 hours.	126. Mandalay. 16 hours.	127. Akyab. Mean.	127. Akyab. 10 hours.	127. Akyab. 16 hours.
January	0·9	4·5	3·3	5·4	4·5	2·4	4·4	2·2	Not recorded†			1·44	1·90	0·97	1·41	1·16	1·65
February	1·9	3·3	3·3	5·8	4·6	3·3	3·5	2·1				1·81	1·14	2·48	2·38	2·07	2·69
March	3·1	3·0	3·0	6·1	5·4	3·3	5·2	3·6				1·54	1·26	1·81	2·73	3·84	1·61
April	5·5	4·4	4·3	6·3	6·3	4·2	5·3	3·1	2·59*	1·59*	3·59*	2·65	1·37	3·93	4·29	5·57	3·00
May	6·8	6·4	5·2	5·5	7·1	5·5	6·3	4·3	3·89	3·45	4·32	4·99	5·32	4·65	5·89	6·65	5·13
June	7·8	6·2	4·8	5·8	7·2	5·3	7·8	5·8	7·67	7·87	7·47	6·62	7·67	5·57	9·03	9·13	8·93
July	5·8	6·1	4·7	5·7	6·6	3·4	6·0	1·5	7·50	8·10	6·90	7·65	7·65	7·65	9·39	9·29	9·48
August	6·4	5·7	4·8	5·8	6·4	4·1	6·4	2·1	7·65	8·84	6·45	8·52	8·35	8·68	9·42	9·65	9·19
September	6·0	5·9	4·0	5·6	6·5	4·1	5·9	2·6	6·19	6·17	6·20	7·78	7·23	8·33	7·77	7·70	7·83
October	7·3	5·7	5·2	6·5	7·3	5·4	6·5	2·5	3·46	3·23	3·68	Not recorded.			3·86	4·19	3·52
November	6·2	7·1	6·6	6·4	7·1	4·1	6·6	3·4	3·68	3·43	3·93				4·37	4·00	4·73
December	6·7	7·6	7·5	6·5	6·1	4·4	6·8	2·3	1·28	1·81	0·74				2·66	2·55	2·77
Year	5·37	5·49	4·73	5·95	6·26	4·13	5·89	2·96	?	?	?	?	?	?	5·27	5·48	5·04

* Mean of 27 days.

Month.	128. Thayetmyo. Mean.	128. Thayetmyo. 10 hours.	128. Thayetmyo. 16 hours.	129. Toungoo. Mean.	129. Toungoo. 10 hours.	129. Toungoo. 16 hours.	130. Bassein. Mean.	130. Bassein. 10 hours.	130. Bassein. 16 hours.	131. Diamond Island. Mean.	131. Diamond Island. 10 hours.	131. Diamond Island. 16 hours.	132. Rangoon. Mean.	132. Rangoon. 10 hours.	132. Rangoon. 16 hours.
January	0·94	0·94	0·94	1·63	1·77	1·48	2·31	1·77	2·84	2·05	2·13	1·97	2·21	1·35	3·06
February	1·09	0·90	1·28	0·90	0·90	0·90	1·30	1·21	1·38	1·85	2·03	1·66	0·66	0·10	1·21
March	0·47	0	0·94	0·13	0·26	0	1·37	1·00	1·74	1·18	1·32	1·03	0·76	0·13	1·39
April	0·89	0·27	1·50	1·42	1·30	1·53	2·35	2·93	1·77	2·29	2·50	2·07*	2·11	1·24*	2·97*
May	5·05	4·03	6·06	5·66	5·84	5·48	7·79	7·10	8·48	5·15	4·65	5·65	6·48	5·77	7·19
June	8·00	7·93	8·07	9·00	9·27	8·73	9·49	9·30	9·67	7·63	7·63	7·63	8·87	8·57	9·17
July	8·75	8·52	8·97	9·45	9·45	9·45	9·62	9·58	9·65	7·95	7·87	8·03	8·97	8·45	9·48
August	8·69	8·32	9·06	9·26	9·13	9·39	9·76	9·68	9·84	7·62	7·58	7·65	8·82	9·06	8·58
September	6·97	7·10	6·83	7·57	7·20	7·93	8·99	8·47	9·50	5·92	5·67	6·17	6·47	7·33	5·60
October	4·92	4·45	5·39	5·15	4·52	5·77	6·68	6·26	7·10	4·00	3·71	4·29	4·13	4·45	3·81
November	5·40	4·77	6·03	4·37	3·87	4·87	6·22	5·87	6·57	3·92	3·33	4·50	4·90	4·83	4·97
December	2·10	2·03	2·16	2·07	1·87	2·26	3·40	3·03	3·77	2·08	1·87	2·29	1·94	1·48	2·39
Year	4·44	4·11	4·77	4·72	4·62	4·82	5·77	5·52	6·03	4·30	4·19	4·41	4·69	4·40	4·99

* Mean of 29 days.

TABLE XIII.— MEAN PROPORTION OF CLOUDED SKY IN 1888.

Month.	133. Moulmein.			134. Mergui.			135. Cocos Island.			136. Port Blair.			137. Nancowry.		
	Mean.	10 hours.	15 hours.	Mean.	10 hours.	16 hours.	Mean.	10 hours.	15 hours.	Mean.	10 hours.	15 hours.	Mean.	10 hours.	16 hours.
January	0·15	0·10	0·19	1·18	1·48	0·87	2·89	3·03	2·74	2·39	2·26	2·52	4·82	4·90	4·74
February	0·62	0·62	0·62	2·36	2·38	2·34	2·84	2·93‡	2·74‡	1·95	1·72	2·17	4·30	4·21	4·38
March	0·24	0·45	0·03	3·52	3·39	3·65	2·00	1·81	2·19	2·00	1·84	2·16	3·36	3·32	3·39
April	1·10	1·83	0·37	4·80	5·13	4·47				3·57	3·40	3·73	5·53	4·93	6·13
May	5·47	6·87	4·06	8·53	8·00	9·06				6·49	6·52	6·45	7·23	6·81	7·65
June	8·70	9·37	8·03	9·63	9·63	9·63				7·50	7·37	7·63	7·95	7·73	8·17
July	8·47	9·29	7·65	9·39	9·52	9·26				6·71	6·65	6·77	5·89	5·71	6·06
August	8·62	9·13	8·10	8·78	8·81	8·74	Observations not recorded.			6·40	6·32	6·48	7·18	7·16	7·19
September	5·27	5·23	5·30	7·84	7·77	7·90				5·70	5·57	5·83	7·84	7·50	8·17
October	3·27	3·19	3·35	6·17	6·10	6·23				4·20	4·00	4·39	6·08	5·71	6·45
November	?	Imperfect.	1·46*	5·25	3·87	6·63				4·19	4·10	4·27	6·70	6·33	7·07
December	0·39	0·35†	0·42	3·32	2·19	4·45				3·89	3·90	3·87	?	Imperfect.	
Year	?	?	3·30	5·90	5·69	6·10	?	?	?	4·58	4·47	4·69	?	?	?

* Mean of 26 days.
† " " 23 "
‡ Mean of 28 days.
§ " " 27 "

TABLE XIV.—INCHES OF RAINFALL IN EACH MONTH OF 1888.

	Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
	Gurdaspur	3·45	1·11	0·16	0·56	0·13	0·80	11·15	16·15	1·13	0·20	0·36	0·16	35·36
	Dhariwal	2·38	0·80	...	0·20	0·15	1·40	7·11	13·32	0·20	...	...	...	25·56
	Lahore	0·93	0·71	0·53	0·12	0·02	0·53	3·67	6·15	...	0·16	...	0·02	12·84
	Amritsar	0·68	0·70	...	...	...	0·50.	4·40	12·30	...	0·30	0·30	0·10	19·28
	Ferozepore	0·65	0·69	0·16	0·21	...	0·76	4·92	9·20	0·27	0·40	0·05	...	17·31
	Jullundur	1·80	...	...	...	...	1·70	7·50	7·70	1·20	...	1·30	...	21·20
	Hoshiarpur	2·59	0·14	0·56	0·19	...	4·99	19·94	12·06	2·45	0·10	2·71	...	45·73
	Ludhiana	1·12	0·17	0·76	...	0·02	2·11	7·00	7·03	6·08	0·04	0·16	...	24·49
Punjab —*contd.*	Umballa	1·17	1·19	0·40	0·90	0·22	0·59	9·95	10·53	20·90	...	0·58	...	46·43
	Sirsa	0·26	0·60	0·09	0·04	0·21	1·53	3·27	3·87	0·74	0·38	...	...	10·99
	Hissar	0·40	0·90	0·10	...	...	0·60	5·70	2·40	2·00	...	0·90	...	13·00
	Rohtak	0·20	0·60	0·50	...	1·80	1·80	4·10	5·23	4·65	0·60	...	...	19·48
	Delhi (Obsy.)	0·93	1·37	0·64	0·13	1·58	2·31	8·81	7·22	8·78	0·26	0·20	...	32·23
	Delhi (Cutchery)	0·60	1·21	1·04	0·06	1·46	2·96	8·24	7·03	13·73	0·25	0·06	...	36·64
	Gurgaon	0·40	1·00	0·40	0·40	1·40	1·20	9·80	7·70	4·30	0·50	...	...	27·10
	Karnal	1·20	1·10	0·03	0·40	1·10	0·80	13·20	5·00	11·40	0·70	1·00	...	35·93
	Jeysulmere	0·23	0·39	...	...	...	0·60	0·64	2·26	...	0·06	...	...	4·18
	Phalodi	0·11	0·62	0·08	...	...	0·48	1·35	4·40	...	...	...	...	7·04
	Bickaneer	0·18	0·20	0·57	0·05	...	2·32	1·94	7·12	...	0·23	...	...	12·61
	Nagar	0·24	0·60	0·10	...	...	1·06	3·55	8·22	...	0·08	...	...	13·85
	Didwana	0·34	0·24	0·47	0·25	...	0·28	3·20	11·40	...	1·04	...	...	17·22
	Jhunjhnu	0·20	1·60	0·30	0·50	...	1·90	6·73	4·68	3·31	1·60	...	...	20·82
	Khetri	0·30	3·40	0·55	0·50	...	2·29	4·49	6·60	4·20	1·80	...	...	24·13
	Sikar	0·13	0·18	0·14	0·50	...	0·07	5·50	7·54	0·39	1·61	...	...	16·06
	Sri Madhopur	0·18	2·78	0·10	0·26	...	0·05	6·49	8·27	2·38	...	...	...	20·51
	Ulwur	1·05	0·96	0·53	0·19	0·20	0·62	17·80	14·65	5·58	2·96	...	...	44·54
	Bhurtpore	0·80	0·35	0·15	0·05	...	0·35	6·30	5·70	4·65	0·25	0·20	...	18·80
Rajputana	Bandikui	0·81	0·96	0·25	0·19	...	0·41	3·35	8·02	4·61	0·25	0·06	...	18·91
	Jeypore	1·06	0·94	0·15	0·44	...	0·31	11·74	16·55	1·11	1·25	0·68	...	34·23
	Sambhar	0·48	0·73	1·14	0·47	...	0·23	4·39	14·19	0·44	0·17	0·44	...	22·68
	Kerowlee	1·26	0·70	...	...	...	0·75	13·53	14·26	3·41	0·48	0·55	...	34·94
	Lalsot	0·65	0·24	...	...	...	0·20	8·37	9·35	0·50	2·49	0·45	...	22·25
	Tonk	0·55	1·25	0·93	...	...	0·32	2·64	11·57	...	0·41	0·40	...	18·07
	Siwai Madhopur	0·21	0·34	0·24	...	...	0·30	10·11	9·13	1·20	0·64	0·15	...	22·32
	Deoli	0·24	1·17	0·06	...	...	1·89	7·22	18·81	0·04	0·10	0·03	...	29·56
	Kotah	0·70	0·69	...	...	...	2·02	9·73	12·70	1·29	0·38	...	...	27·51
	Jhalrapatan	0·37	0·33	0·07	...	...	0·98	13·67	13·50	1·47	0·80	0·52	...	31·71
	Ajmere	0·47	2·22	0·05	...	...	1·16	5·76	13·89	0·02	0·25	0·60	...	24·42
	Nusseerabad	0·85	0·26	...	...	...	0·66	3·64	11·06	...	0·12	0·20	...	16·79

TABLE XIV.— INCHES OF RAINFALL IN EACH MONTH OF 1888. (508 STATIO[illegible]

Provinces.	Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Arabia	Baghdad	0·07	2·36	0·82	2·70	0·66	0·04	...	...	...	...	1·17	0·51	8·33
	Aden	...	0·04	..	0·22	...	...	...	...	...	...	0·32	0·05	0·63
Persia	Bushire	4·99	2·13	0·23	0·42	...	...	...	...	...	...	2·37	1·13	11·27
Lakhadives	Amini Divi	0·42	...	...	0·27	6·27	19·14	8·63	4·46	3·57	4·08	4·44	0·53	51·81
	Minicoy Lt. House	...	...	...	1·06	8·77	11·46	3·28	4·84	4·75	5·39	3·98	6·49	50·02
Beluchistan	Peshin	2·94†	1·77†	1·63	0·54	...	...	...	...	...	...	0·94	0·96	8·78
	Kelat	4·14†	4·16	0·81	...	0·27	...	...	0·23	...	...	0·66	0·42	10·69
	Quetta	5·27	1·56*	1·05	...	0·02	..	...	...	...	..	0·04	0·54	8·48
Kashmir	Leh	0·12	0·42	0·34	0·47	0·04	...	0·52	0·82	...	...	0·14	...	2·87
Punjab	Abbottabad	1·80†	4·30†	1·96	2·00	1·10	1·50	7·40	7·70	0·90	1·50	2·50	0·70	33·30
	Murree (Obsy.)	5·07†	5·95†	1·84	0·88	1·91	1·35	10·70	9·34	0·25	1·21	2·76	0·67*	41·93
	Murree (Cutchery)	5·50†	2·60†	1·20	0·80	1·40	2·20	13·00	13·30	1·60	1·40	2·20	0·20	45·40
	Murree (Brewery)	5·31	5·36	1·89	0·56	1·24	1·69	9·55	9·50	0·22	1·08	1·98	0·60	38·98
	Chamba	4·13	8·88	2·79	1·53	2·10	2·12	11·62	10·04	0·67	0·99	3·03	0·50	48·40
	Dharmsala	4·40	4·30	1·30	1·10	0·20	3·65	41·58	37·41	4·42	1·49	2·90	0·30	103·05
	Kailang	0·78	2·68	2·71	4·17	2·18	1·74	1·60	0·68	4·61	1·70	1·81	0·92	25·58
	Kilba	2·69	2·31	5·98	3·74	4·72	2·59	5·48	3·07	5·10	3·13	5·33	0·26	44·40
	Simla (Obsy.)	5·26	3·03	1·55	1·23	0·96	5·53	18·04	17·73	10·25	1·79	2·11	...	67·48
	Simla (Cutchery)	1·10	2·90	?	1·30	0·50	5·77	14·93	15·11	10·80	0·70	1·89	...	?
	Peshawar (Obsy.)	0·66	1·31	1·50	0·33	9·11	0·20	0·86	1·42	...	...	2·14	0·17	8·70
	Peshawar (Cutchery)	0·70	1·36	1·67	0·30	0·10	0·10	0·83	1·53	0·03	...	2·11	0·27	9·00
	Kohat	0·72	1·14	0·70	0·82	...	0·18	0·56	2·08	...	0·27	2·00	...	8·47
	Bannu	0·80	0·75	0·45	...	0·05	0·10	2·51	1·62	...	0·67	0·70	...	7·65
	Dera Ismail Khan	0·57	0·69	0·07	...	0·03	0·35	0·57	1·20	...	...	0·40	...	3·88
	Dera Ghazi Khan	...	2·10	0·10	...	0·10	0·30	0·10	4·90	...	0·30	0·20	...	8·10
	Muzaffargarh	...	1·55	...	...	...	....	...	0·30	...	0·20	0·20	...	2·25
	Mooltan (Obsy.)	0·20	1·22	0·13	...	...	...	1·83	1·37	...	...	0·09	...	4·84
	Mooltan (Cutchery)	0·10	1·30	0·20	...	...	...	1·90	0·70	...	...	0·10	...	4·30
	Jhang	0·70	0·50	...	...	0·18	0·83	1·04	1·94	...	0·15	0·08	...	5·42
	Montgomery	0·20	0·80	...	...	...	0·50	1·50	2·40	...	...	...	...	5·40
	Shahpur	0·80	1·00	1·20	...	0·40	0·40	3·50	4·00	...	0·60	0·40	...	12·30
	Rawalpindi	2·68	2·29	0·95	1·52	0·08	1·30	13·14	7·00	0·72	0·67	1·07	0·12	31·54
	Jhelum	1·70	1·00	1·70	...	1·00	0·20	6·67	11·51	...	0·27	0·20	1·00	25·25
	Gujrat	1·40	1·30	0·30	..	0·80	...	3·10	8·90	0·10	0·50	...	...	16·40
	Sialkot (Obsy.)	3·26	1·97	1·70	0·86	0·86	0·56	6·62	15·78	0·09	0·43	0·04	0·21	32·38
	Sialkot (Cutchery)	2·80	1·90	0·90	0·20	0·70	1·03	6·60	14·70	0·10	0·40	...	0·10	29·40
	Gujranwala	1·30	1·50	1·50	...	0·80	0·50	4·10	7·20	0·13	0·98	...	...	18·01

* Snow converted.
† Snow-water and rain.

—INCHES OF

...ss.	Stations.	January.	February.	March.	April	May.	Jun...	July.	August.	September.	October.	Novemb...	December.	Total.
	Malpura	0·65	0·52	0·72	...	...	0·32	4·42	19·03	1·00	0·04	0·04	...	26·74
	Beawar	0·60	...	0·50	...	...	0·50	2·30	11·10	...	...	...	...	15·00
	Jodhpore	0·31	0·65	...	...	...	...	1·44	13·99	...	...	...	...	16·39
	Jodhpore (Residency).	0·71	1·15	...	...	...	...	2·07	11·97	...	...	...	...	15·90
	Pachpadra	0·50	0·71	...	...	...	0·18	1·28	3·99	...	...	...	...	6·66
	Jasol	1·08	0·52	...	...	0·02	0·25	1·95	8·50	...	...	...	...	12·32
	Barmer	0·76	0·58	0·14	...	...	0·20	0·17	2·46	...	...	...	...	4·31
	Pali	0·54	0·40	...	...	...	1·35	1·62	11·80	...	...	...	...	15·71
UTANA —*contd.*	Shahpoora	0·35	0·47	0·02	...	...	1·81	3·25	16·71	...	0·08	0·06	...	22·75
	Erinpura	1·19	0·89	...	...	...	0·65	1·98	11·47	...	...	...	...	16·18
	Sirohee	0·68	1·32	...	...	...	0·72	1·71	7·09	...	...	...	...	11·52
	Mount Abu	1·82	1·17	...	...	...	1·60	10·46	27·71	...	0·03	0·61	...	43·40
	Kotra	1·30	1·51	...	...	0·11	0·71	4·30	9·22	...	0·48	0·72	...	18·35
	Oodeypore	1·03	0·67	...	...	...	1·39	3·91	9·50	...	0·20	0·51	...	17·21
	Partabgarh	0·24	0·18	...	...	...	1·96	4·74	15·12	0·15	...	0·81	...	23·20
	Kherwara	0·48	1·09	...	...	...	1·19	5·61	8·78	0·49	...	1·48	...	19·12
	Banswara	0·48	0·60	...	...	...	2·58	3·91	12·89	1·11	...	0·30	...	21·87
	Neemuch (Obsy.)	0·91	0·38	...	1·24	...	0·47	8·00	8·32	0·46	0·26	0·52	...	20·56
	Neemuch (Cutchery.)	1·00	0·42	...	1·24	...	0·52	7·18	8·44	0·58	0·21	0·60	...	20·19
	Sirdarpore	0·88	0·29	...	...	...	3·79	19·61	6·18	4·39	0·48	...	...	35·62
	Agar	2·20	2·20	...	...	...	2·09	4·93	7·46	4·80	0·06	...	...	23·74
	Rutlam	0·85	0·29	0·10	...	...	1·98	2·94	8·65	2·06	0·10	...	...	16·97
	Indore	0·23	1·57	...	...	...	8·37	7·72	2·87	3·25	1·46	0·11	...	25·58
	Bhopal (Sehore)	1·68	2·81	0·03	...	...	4·16	9·34	9·66	9·18	0·30	0·60	...	37·76
	Goona	0·25	2·01	0·38	...	...	1·03	12·50	27·71	5·12	0·48	0·35	...	49·83
CENTRAL INDIA	Morar	0·48	0·63	0·06	0·01	...	0·25	14·84	7·94	6·52	0·44	...	...	31·17
	Nowgong	0·42	1·42	0·02	...	0·03	3·13	19·07	35·71	8·27	...	0·16	...	68·23
	Sutna	1·26	0·34	0·20	...	...	1·70	25·17	18·90	6·35	...	0·30	...	54·22
	Nagode	0·40	0·14	...	...	...	3·62	25·28	20·82	2·58	...	0·22	...	53·06
	Maihar	0·91	0·43	...	...	...	3·95	19·95	28·93	6·08	...	0·87	...	61·12
	Rewah	0·91	0·44	0·04	0·02	...	4·88	18·91	21·98	5·77	...	0·55	...	53·50
	Chandia	1·11	...	...	...	0·05	5·88	24·11	21·17	5·92	...	0·17	...	58·41
	Ramnagar	1·13	0·65	...	...	...	2·95	15·75	28·04	7·61	...	...	...	56·13
	Sihawal (Bardi)	1·63	0·50	0·12	0·10	1·19	1·92	17·59	30·54	6·64	...	1·81	...	62·04
	Teonthar*	0·51	0·36	0·26	...	0·12	1·48	22·87	19·73	6·56	...	0·51	...	52·40
	Sohagpur	2·45	...	...	...	...	8·72	26·63	27·97	5·65	...	3·74	...	75·16
N.-W. PROVINCES.	Chakrata	3·62	2·20	0·78	0·53	2·55	4·25	24·22	19·55	9·61	1·45	2·40	0·09	71·25
	Mussooree	2·70	3·61	1·25	0·40	1·84	1·50	47·81	18·88	13 81	0·50	3·67	...	95·97
	Srinagar	1·45	1·17	0·77	0·70	2·55	0·95	9·13	5·45	7·85		1·85	...	31·87

* Rainfall recorded at Sitlaha up to March 1888.

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Provinces.	Stations.	January.	Feb	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	
	Pauri	2·12	1·35	1·16	0·01	1·74	1·98	15·00	9·92	9·53	0·06	1·54	0·30	
	Ranikhet	2·63	1·78	1·55	0·33	2·68	2·49	19·11	14·09	16·54	0·16	1·13	0·04	
	Almora	2·46	1·31	1·44	0·97	2·35	3·03	14·27	8·52	11·70	0·34	1·02	...	
	Pithoragarh	2·03	1·06	2·29	0·44	3·54	4·18	12·97	11·54	14·93	...	0·50	...	
	Naini Tal	0·80	3·30	4·70	1·40	2·60	10·45	42·30	20·60	37·90	0·40	1·30	...	
	Dehra Dun	4·74	0·95	0·33	0·02	1·23	2·12	29·71	32·52	13·89	0·39	1·81	0·15	
	Saharanpur	1·26	0·55	0·20	0·04	...	1·75	13·90	9·17	21·65	...	1·30	...	4
	Roorkee	1·52	1·47	0·48	0·18	0·62	1·21	11·63	13·04	20·19	0·23	1·05	...	5
	Muzaffarnagar	0·63	0·40	1·12	1·05	...	0·75	15·05	4·60	16·90	1·40	0·50	...	4
	Bijnor	1·46	0·60	0·70	0·58	0·40	0·90	19·47	8·20	16·04	0·10	0·14	...	48
	Meerut	0·92	1·36	0·59	...	0·68	1·12	14·22	6·81	11·25	0·21	0·48	...	37
	Moradabad	1·18	0·76	0·80	...	1·45	1·42	18·52	10·94	9·55	0·06	0·04	...	44
	Rudarpur	2·00	0·40	0·60	0·60	1·50	0·22	23·70	6·60	24·10	...	0·10	...	59·8
	Pilibhit	2·30	0·40	0·30	...	1·00	3·31	31·00	14·48	12·64	0·04	0·34	...	65·8
	Bulandshahr	0·50	1·60	0·10	...	0·77	2·40	7·79	7·26	11·23	0·57	...	....	32·22
	Bareilly	1·17	0·48	0·76	...	0·25	1·09	22·68	3·86	16·03	0·05	0·57	...	46·94
	Budaun	1·43	0·59	...	...	...	0·26	28·09	7·21	14·39	....	0·44	....	52·41
	Shahjahanpur	1·70	0·22	0·20	...	1·56	1·55	18·97	11·22	8·67	...	0·50	...	44·59
N.-W. Provinces—*contd.*	Aligarh	1·40	0·60	...	...	...	0·76	6·53	5·82	11·60	0·16	...	...	26·87
	Muttra	0·53	0·28	0·14	0·04	0·18	0·22	8·06	8·71	7·05	0·32	0·15	...	25·68
	Agra	0·92	0·26	0·23	...	0·27	0·64	8·91	7·60	9·77	0·12	0·23	...	28·95
	Etah	1·20	...	...	...	...	0·63	13·92	5·57	11·34	...	0·27	...	32·93
	Mainpuri	0·35	0·16	...	...	...	1·13	26·93	10·24	9·40	0·65	0·30	...	49·16
	Farrukhabad	1·10	0·16	0·06	...	...	0·39	26·37	16·50	4·40	...	0·11	...	49·09
	Etawah	1·37	0·47	0·30	...	...	1·06	17·12	13·87	2·25	0·10	...	...	36·54
	Cawnpore	1·64	0·30	0·29	...	0·07	1·36	24·00	22·37	5·52	...	...	...	55·55
	Fatehpur	0·93	0·71	0·03	...	0·90	1·19	17·91	24·72	2·08	...	0·02	...	48·49
	Jalaun (Orai)	0·20	0·30	...	...	0·04	1·10	15·10	14·50	5·30	...	...	...	36·54
	Hamirpur	1·64	0·84	0·14	...	0·08	1·03	26·54	17·28	3·46	...	0·16	...	51·17
	Banda	0·92	0·25	0·10	0·18	...	0·34	30·47	28·69	6·07	...	0·27	...	67·29
	Allahabad	0·77	0·23	0·02	0·06	0·01	1·13	25·73	18·15	6·47	...	0·16	...	52·73
	Basti	1·13	0·10	0·33	...	0·49	1·77	13·54	10·48	16·17	...	...	...	44·01
	Gorakhpur	0·94	0·01	0·47	1·11	0·66	3·49	15·20	7·20	13·31	...	0·03	...	42·42
	Azamgarh	0·84	...	...	...	0·16	2·42	10·45	15·32	11·02	...	...	...	40·21
	Jaunpur	0·98	...	...	...	1·17	2·38	14·37	13·76	6·64	0·10	0·70	...	40·10
	Benares	0·95	0·04	...	...	1·24	4·81	16·82	19·94	6·48	...	0·67	...	50·95
	Mirzapur	0·76	0·03	0·20	...	..	1·39	20·61	18·27	8·95	...	0·31	...	50·52
	Ghazipur	0·38	0·01	...	...	0·06	2·05	14·34	20·83	14·07	0·06	0·12	...	51·92
	Ballia	1·30	...	...	...	0·09	0·91	14·09	12·42	7·68	...	0·35	...	36·84

TABLE XIV.—INCHES OF RAINFALL IN EACH MONTH

Provinces.	Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	[illegible]	
N.-W. Provinces – *concld.*	Dudhi	1·74	0·39	0·11	...	0·28	3·24	22·31	17·80	6·70	...	0·26	...	
	Robertsganj	0·95	0·05	0·12	...	...	1·70	23·98	21·72	8·49	...	0·94	...	57·95
	Jhansi	0·76	1·87	0·47	0·26	...	2·48	13·63	15·10	6·01	...	0·02	...	40·60
	Lalitpur	0·15	1·42	0·41	...	...	1·00	12·15	21·09	4·44	...	0·01	...	40·67
Oudh	Kheri	1·37	0·04	...	0·07	0·61	1·05	16·50	13·96	9·81	...	0·10	...	43·51
	Sitapur	1·42	...	0·72	...	0·65	5·01	13·45	10·08	8·31	...	0·12	...	39·76
	Bahraich	1·10	...	0·52	1·60	0·86	3·55	7·87	8·49	9·27	...	0·30	...	33·36
	Gonda	1·04	...	0·75	0·50	1·79	3·09	18·56	12·47	7·73	...	...	...	45·93
	Hardoi	0·89	...	0·86	...	...	0·60	15·39	19·95	7·56	...	....	...	45·25
	Nawabganj (Bara Banki).	1·15	0·10	0·85	...	0·75	1·70	16·80	7·30	6·55	...	...	...	35·20
	Lucknow	1·26	0·32	0·69	...	...	2·93	15·91	16·83	6·40	...	0·08	...	44·42
	Unao	1·43	0·10	0·30	...	0·42	2·00	20·34	22·16	4·80	...	...	...	51·55
	Fyzabad	1·55	...	0·80	...	0·90	3·90	24·07	13·66	20·10	...	0·10	...	65·08
	Sultanpur	1·27	0·10	...	...	0·32	5·81	18·85	13·46	7·39	...	...	...	47·20
	Rae Bareli	1·59	0·77	0·05	...	0·29	2·08	13·84	20·87	8·29	...	0·08	...	47·86
	Partabgarh	0·55	0·25	...	...	0·15	3·12	22·66	11·34	8·13	...	0·10	...	46·30
Nepal	Katmandu	1·26	0·22	3·69	4·40	2·34	4·00	17·61	12·81	6·92	...	...	...	53·25
Bengal	Motiharee	0·35	...	...	2·14	2·74	6·94	12·30	7·22	6·71	...	0·23	...	38·63
	Durbhunga	0·60	...	1·05	2·28	3·39	6·39	14·35	6·70	4·38	...	...	...	39·14
	Sewan	0·80	...	...	0·53	0·50	3·04	11·66	12·89	12·24	...	0·25	...	41·91
	Buxar	1·15	0·02	...	0·01	0·87	2·52	12·11	13·39	11·25	0·60	...	...	41·92
	Chupra	1·20	...	0·28	0·10	1·06	2·09	14·43	12·32	5·34	...	0·45	...	37·27
	Arrah	0·99	...	...	...	0·55	0·77	17·90	17·74	5·58	0·43	0·47	...	44·43
	Patna (Bankipur)	0·81	...	...	0·03	0·79	2·83	15·14	17·11	3·17	...	0·58	...	40·46
	Mozufferpore	0·74	...	0·23	1·69	1·14	8·00	18·11	9·64	3·78	...	0·28	...	43·61
	Barh	0·35	...	...	...	1·55	1·30	21·42	17·35	11·20	...	1·00	...	54·17
	Sasseram	1·00	...	0·14	0·05	0·23	0·72	14·18	18·81	7·13	...	0·66	...	42·92
	Gya	1·66	...	0·08	0·01	0·23	3·06	10·09	28·59	7·85	0·40	1·14	...	53·12
	Jamooee	0·94	0·09	...	0·40	1·05	3·62	13·16	25·26	4·46	1·08	0·22	0·07	50·35
	Muddehpoora	0·42	0·09	1·24	3·22	8·89	3·08	21·37	13·11	9·83	...	0·25	...	61·50
	Monghyr	0·55	0·05	...	0·28	2·98	1·24	24·95	14·12	9·95	0·03	0·36	...	54·51
	Bhagalpur	0·38	...	...	0·96	4·98	1·92	23·73	16·88	6·20	0·07	0·12	...	55·24
	Godda	0·36	0·10	....	0·37	2·84	5·09	13·17	19·65	5·91	0·83	0·30	0·05	48·67
	Palamow	1·82	0·63	...	...	0·23	3·48	19·13	20·63	7·88	...	0·10	...	53·90
	Hazaribagh	1·64	0·44	0·07	...	0·73	1·62	20·76	25·08	5·16	1·03	0·14	...	56·67
	Ranchee	1·20	0·75	...	...	2·57	3·05	18·98	20·70	7·88	0·35	0·14	...	55·62
	Lohardugga	2·60	0·89	0·42	0·02	1·08	2·88	15·89	17·42	8·21	0·35	0·38	...	50·14
	Nya Doomka	0·48	0·46	0·33	1·23	1·72	4·49	12·39	26·36	4·14	1·51	1·36	0·28	54·75
	Gobindpur	0·48	0·42	0·36	0·05	1·47	2·26	10·69	14·78	5·44	1·12	0·54	...	37·61

XIV.—INCHES OF RAINFALL IN EACH MONTH OF 1888.

	Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September	October.	November.	December.	Total.
BENGAL—*contd.*	Purulia	1·23	1·19	...	0·64	2·19	4·17	20·47	20·97	9·13	0·05	0·66	0·08	60·78
	Sirguja	3·13	...	...	...	...	0·43	14·93	24·40	3·59	...	0·45	...	46·93
	Jushpore	4·26	0·50	...	...	0·67	2·38	16·14	22·55	13·90	0·36	0·41	0·47	61·64
	Gangpur	1·20	4·00	0·90	...	0·26	0·95	12·98	24·00	0·74	..	...	...	45·03
	Chybassa	1·66	1·75	...	0·13	2·40	3·04	12·06	17·25	5·32	0·05	0 65	...	44·31
	Barreepudda	0·41	2·31	0·31	0·83	6·43	3·79	14·16	18·39	9·54	0·67	1·52	0·02	58 38
	Keonjhar	0·50	0·61	...	...	0·19	1·33	3·03	10·89	4·54	...	0·71	...	21·80
	Jellasore	1·36	0·87	0·46	2·30	7·76	3·89	14·29	19·27	10·36	...	0·78	...	61·34
	Balasore	1·85	4·22	0·90	1·85	5·45	1·35	10·13	20·86	16·82	2·08	0·43	...	65·94
	Bhuddruck	1·47	2·86	1·30	1·05	5·23	2·57	11·14	18·48	7·81	1·21	2·07	...	55·19
	Talcher	1·11	1·76	...	0·33	3·64	3·11	11·32	23·64	5·93	...	1·03	...	51·87
	Nursingpur	1·01	0·25	...	...	0·30	3·39	5·40	12·07	4·25	0·45	2·10	...	29·22
	Angul	1·40	1·74	...	0·70	0·69	4·47	8·94	10·57	7·02	...	1·54	...	37·07
	Dhenkanal	2·07	2·00	...	0·03	2·46	2·97	10·23	22·62	11·19	0·66	1·07	...	55·30
	Bispara	2·82	0·75	0·02	0·15	4·05	1·77	11·06	11·39	8·90	0·30	1·46	...	42·67
	Kunjabangar	0·65	...	.	0·20	3·69	3·53	6·61	12·42	8·09	0·89	2·27	...	38·35
	Banki (Charchika)	0·66	0·67	0·05	0·40	0·94	4·90	9·64	17·76	7·50	1·25	1·77	...	45·54
	Cuttack	0·84	0·62	2·13	...	3·10	1·03	8·88	25·41	10·03	1·41	2·82	...	56·27
	False Point	3·74	1·49	0·08	0·08	1·25	2·61	16·87	18·23	8·93	3·14	3·21	..	59·63
	Pooree	1·19	1·89	0·06	...	4·06	2·13	3·51	14·47	6·77	2·47	7·66	...	44·21
	Darjeeling	0·62	0·90	0·97	3·14	3·88	8·53	39·42	23·01	12·00	0·08	0·50	...	93·05
	Mongpoo	0·55	0·86	2·15	5·20	3·69	12·54	40·25	18·56	10·64	1·27	0·81	...	96·52
	Pedong	0·96	1·54	3·00	4·88	4·81	12·73	36·08	24·65	9·58	0·16	0·13	0·03	98·55
	Baxa	2·47	0·56	6·10	8·21	11·87	42·65	42·92	30·58	23·90	5·83	0·94	...	176·03
	Jalpaiguri	0·85	0·15	3·46	8·84	5·08	29·73	35·75	20·04	13·61	1·25	0·16	...	118·92
	Cooch Behar	0·27	0·14	3·89	8·04	11·63	33·09	21·90	14·58	8·14	1·56	0·80	...	104·04
	Kissengunge	0·18	...	0·65	11·36	8·01	7·74	17·47	7·12	6·36	0 18	0·50	...	59·57
	Purneah	0·21	0·13	0·65	3·48	5·69	1·67	18·15	15·25	4·32	...	0·28	...	49·83
	Rungpore	0·15	0·09	3 08	5·05	11·80	11·65	7·87	13·27	7·51	0·10	0·97	...	61·54
	Dinagepore	0·10	...	0·66	6·65	15·18	7·86	18·40	10·55	4·90	...	0·37	...	64·67
	Maldah	0·02	0·19	0·01	0·07	2·61	1·39	14·72	21·27	6·95	1·80	0·22	0·08	49·33
	Bogra	0·07	0·50	0·16	3·25	10·63	5·41	7·88	11·72	5·69	0·27	0·48	...	46·06
	Rampore Bauleah	...	...	0·99	2·16	4·00	2·58	7·70	9·21	7·75	2·10	0·22	...	36·71
	Pubna	0·18	1·56	2·19	6·34	4·07	6·17	14·73	10·65	4·65	0·37	0·58	...	51·49
	Soory	0·55	0·55	1·25	1·28	3·34	6·00	15·60	21·14	6·50	1·10	1·35	...	58·66
	Bankoora	1·16	0·88	0·04	1·72	2·98	8·49	13·54	16·47	4·47	1·72	1·40	..	52·87
	Burdwan	1·43	1·11	0·08	1·17	2·19	4·75	14·13	13·74	8·64	0·71	2·68	...	50·63
	Hooghly	1·03	1·13	0·68	2·58	2·89	12·09	16·34	23·95	6·19	3·51	1·92	...	72·31
	Howrah	0·97	1·44	1·19	3·65	5·02	4·62	12·87	28·82	9·00	2·37	3·05	...	73·00

TABLE XIV.—INCHES OF RAINFALL IN EACH MONTH

Provinces.	Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	[illegible]	[illegible]	[illegible]
Bengal —*concld.*	Midnapore	0·88	1·82	0·20	2·83	5·35	3·62	22·34	23·47	7·56	2·45	0·19	...	70·03
	Tumlook	0·83	2·10	0·90	2·00	2·50	4·20	16·90	27·40	12·40	1·40	...	...	
	Berhampore	0·33	1·06	1·20	2·73	3·20	4·22	11·89	14·93	5·25	0·63	2·03	...	47·47
	Kishnaghur	0·61	0·65	0·72	2·05	2·36	7·42	21·01	26·53	5·87	5·51	1·11	...	73·84
	Furreedpore	0·72	1·57	5·69	7·06	4·26	7·71	16·98	14·48	8·74	0·81	0·50	...	68·52
	Jessore	1·42	1·11	1·90	4·61	2·97	10·70	19·57	14·50	7·35	1·08	2·37	...	67·58
	Busseerhat	0·63	1·37	1·08	5·13	1·72	8·38	16·84	16·39	6·33	1·04	0·61	...	59·52
	Khoolna	0·79	1·55	3·21	3·89	1·40	4·96	22·10	13·06	4·94	2·10	0·15	...	58·15
	Burrisal	2·72	0·94	1·16	3·93	3·18	6·45	21·59	21·23	5·62	8·97	0·24	...	76·03
	Calcutta (Chowringhee).	1·11	1·69	1·13	4·41	4·25	4·49	14·05	26·57	11·83	3·32	3·46	...	76·31
	Alipore (Jail)	1·36	1·71	2·65	3·96	3·79	3·30	12·13	27·45	10·74	2·52	2·30	...	71·91
	Alipore (Obsy.)	0·92	1·60	2·37	3·91	3·77	3·26	12·25	26·02	9·97	2·51	3·13	...	69·71
	Saugor Island	0·80	2·97	0·29	0·98	2·96	1·09	9·52	29·34	6·23	2·04	0·90	...	57·12
	Mymensingh	0·15	0·61	2·74	5·68	21·49	9·69	9·51	15·31	12·24	4·26	0·19	0·05	81·92
	Kishorganj	0·19	0·70	2·41	11·78	22·13	19·08	10·20	12·26	16·64	3·19	0·45	...	99·03
	Atia (Tangail)	...	1·28	1·50	5·32	4·37	6·29	9·27	11·06	2·46	4·70	...	...	46·25
	Dacca	0·95	1·81	5·57	9·52	4·99	7·83	16·14	15·03	6·91	1·56	0·48	...	70·79
	Comillah	0·80	1·15	3·57	11·15	9·39	6·33	13·81	26·84	8·55	6·76	0·35	...	88·70
	Agartalla	1·40	1·50	7·00	16·71	14·33	10·80	8·99	14·02	6·88	....	0·45	...	82·08
	Noakholly	1·98	0·36	2·85	8·01	7·72	8·89	34·09	32·45	8·68	16·89	0·09	...	122·01
	Demagiri	1·48	2·88	4·50	12·08	11·70	16·55	16·79	25·93	16·60	7·42	0·36	...	116·29
	Rangamatia Hill	1·41	0·65	2·47	8·27	6·91	8·60	13·74	32·56	9·13	5·02	0·09	...	88·85
	Chittagong	2·36	0·69	1·55	6·64	13·41	9·67	29·84	37·31	14·54	4·24	...	...	120·25
	Cox's Bazar	5·35	1·66	1·17	4·57	10·18	12·30	61·25	45·75	7·68	10·02	...	...	159·93
Assam	Sylhet	0·63	0·74	11·60	25·95	33·25	33·17	16·17	21·43	24·45	7·51	0·11	...	175·01
	Silchar	1·42	1·17	8·99	27·32	22·69	28·27	19·96	24·88	11·34	4·23	1·02	...	151·29
	Cherra Poonjee	1·99	2·01	20·47	35·49	69·72	107·86	72·19	71·46	20·22	16·52	0·31	...	418·24
	Tura	0·03	0·26	3·33	9·17	26·90	27·64	14·73	20·54	11·22	5·26	1·70	...	120·78
	Shillong	0·76	...	1·85	2·76	5·22	28·41	4·18	5·49	4·62	3·14	0·74	...	57·17
	Dhubri	0·45	0·06	3·11	5·96	10·06	44·32	10·69	15·48	10·88	0·05	1·99	...	103·05
	Goalpara	0·19	0·26	3·30	6·73	16·27	15·19	16·75	6·71	8·64	0·40	0·38	...	74·82
	Kulsi	0·12	0·83	3·54	6·80	14·53	11·93	22·58	11·39	6·65	3·50	0·42	...	82·29
	Gauhati	0·67	0·53	2·92	10·89	8·41	12·73	14·99	4·30	4·48	0·86	0·47	...	61·25
	Nowgong	0·54	1·27	4·51	4·51	8·22	11·64	26·14	10·21	7·38	1·91	0·70	...	77·03
	Tezpur	0·83	1·36	3·12	6·84	11·07	7·57	8·21	9·88	7·99	0·82	0·55	...	58·24
	Chardner	0·83	2·33	4·15	7·11	9·26	23·22	15·67	9·31	14·55	3·27	0·26	0·20	90·16
	Sibsagar	2·09	2·95	6·46	11·32	16·09	13·46	17·62	8·49	10·34	3·88	0·12	...	92·82
	Dibrugarh	2·76	2·53	7·96	11·25	21·93	9·67	19·54	9·10	10·47	1·88	0·03	0·05	97·17
	Kohima	0·37	0·85	2·99	5·14	5·13	12·89	18·49	11·96	7·51	3·47	0·61	...	69·41

IV.—INCHES OF RAINFALL IN EACH MONTH OF 1888.

Divisions.		January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Central Provinces.	Saugor	1·29	1·25	0·14	0·06	0·07	5·43	10·57	31·05	8·46	0·23	0·56	...	59·11
	Damoh	0·30	0·32	0·24	...	...	6·87	15·03	23·16	6·04	...	0·32	...	52·28
	Jubbulpore	2·02	0·26	0·08	0·02	0·18	4·77	17·60	17·34	2·24	0·13	0·25	...	44·89
	Narsinghpur	0·80	0·28	0·17	...	0·17	2·06	11·57	22·36	5·58	...	...	...	42·99
	Hoshangabad	0·46	1·05	0·10	0·06	...	4·80	15·50	12·38	10·46	...	0·33	...	45·14
	Khandwa	1·19	0·36	0·29	...	...	1·72	10·95	4·03	5·51	0·32	0·12	...	24·49
	Baidnur (Betul)	1·18	0·33	0·66	...	...	2·50	15·14	7·13	8·39	0·41	0·26	...	36·00
	Pachmarhi	1·35	1·06	0·32	0·05	0·77	3·33	19·43	25·35	15·51	0·31	0·05	...	67·53
	Chhindwara	0·63	0·60	...	...	...	5·26	6·49	11·36	6·50	0·66	1·16	...	32·66
	Seoni	1·30	0·35	0·40	...	0·05	3·64	20·42	15·65	7·73	0·03	0·32	...	49·89
	Balaghat	1·74	0·12	0·03	...	0·02	9·97	21·96	17·43	6·64	1·32	0·66	...	59·89
	Mandla	1·82	0·63	0·11	...	...	9·53	14·01	17·93	2·10	0·79	0·12	...	47·04
	Bilaspur	2·13	0·16	0·09	...	...	5·21	13·00	13·97	5·46	0·22	2·35	...	42·59
	Chapa*	0·54	0·04	0·79	...	...	1·50	10·01	11·20	3·67	0·52	...	...	28·27
	Sarangarh	1·32	0·16	0·34	...	0·10	4·19	16·69	18·00	6·73	0·12	3·40	0·02	51·07
	Raigarh	1·21	2·20	0·03	...	...	3·60	25·56	20·57	3·71	...	0·80	...	57·68
	Sambalpur	2·95	0·75	0·20	0·01	0·06	4·81	18·38	28·83	3·78	0·84	0·75	...	61·36
	Raipur	0·27	0·03	0·18	0·10	0·12	5·37	20·45	12·94	7·17	0·12	0·44	...	47·19
	Dhamtari	0·12	...	...	...	1·62	6·49	13·92	18·75	8·32	...	0·59	...	49·81
	Bhandara	1·89	1·13	0·44	0·05	0·36	8·59	20·25	20·81	6·66	0·72	1·93	...	62·83
	Nagpur	1·75	0·33	0·17	0·06	...	9·83	12·41	8·01	5·49	0·37	1·16	...	39·58
	Arvi	2·10	0·90	0·83	...	...	7·21	8·19	3·64	4·53	0·72	0·61	...	28·73
	Wardha	0·97	0·72	0·11	...	...	7·43	14·96	4·51	2·79	0·15	3·85	...	35·49
	Brahmapuri	1·35	0·48	0·50	0·49	...	8·57	21·55	11·65	6·80	...	1·84	...	53·23
	Chanda	1·13	0·31	0·25	0·30	0·04	6·02	25·09	7·48	2·38	0·35	1·25	0·04	44·64
	Sironcha	2·62	...	0·24	0·89	1·22	5·41	21·15	8·76	2·18	0·53	2·47	0·38	45·85
	Bastar (Jagdalpore).	...	0·18	0·12	0·16	3·68	5·46	12·26	12·01	4·54	...	4·13	0·34	42·88
	Makhia	0·98	0·20	2·03	...	0·41	6·39	26·24	11·74	10·81	0·34	1·57	...	60·71
	Chikalda	1·76	1·06	1·84	...	...	9·62	21·90	13·06	11·14	0·38	1·76	...	62·52
	Efflichpur	1·17	1·17	...	...	...	4·01	4·25	3·23	4·23	0·74	1·06	...	19·86
	Amraoti	1·41	0·04	0·75	0·04	...	9·78	18·02	2·18	4·41	0·02	1·71	...	38·36
Berars	Akola	1·50	0·24	1·00	...	...	4·91	9·45	4·18	6·16	...	0·51	...	27·95
	Buldana	2·13	0·48	0·31	...	...	5·27	5·40	8·47	3·54	1·85	1·11	...	28·56
	Basim	1·62	1·52	0·50	...	...	8·41	7·21	3·64	2·66	1·43	2·02	...	29·01
	Yeotmal	1·67	1·68	0·36	...	0·20	6·27	18·85	3·60	3·25	0·73	1·99	...	38·60
	Wun	1·72	0·08	0·03	...	...	6·84	19·21	7·55	2·95	0·30	1·59	...	40·27
Hyderabad	Aurangabad (Cant.)	1·73	0·10	0·40	...	0·28	6·10	7·42	2·33	5·24	1·23	0·36	0·02	25·21
	Aurangabad	1·61	0·12	0·20	...	0·29	7·14	5·48	3·25	6·22	1·54	0·76	...	26·61
	Jalna	1·71	0·37	0·19	...	...	2·73	3·72	2·48	3·41	1·16	1·72	...	17·49

* Rainfall recorded at Saragaon up to May 1888.

TABLE XIV.—INCHES OF RAINFALL IN EACH MONTH

Provinces.	Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	[illegible]		
	Hingoli	1·68	1·37	0·11	...	...	6·87	10·45	2·77	2·28	1·25	3·65	...	
	Parbhani	0·61	0·42	...	0·08	0·15	10·35	7·38	4·11	2·19	0·86	2·17	...	28·32
	Nandair	0·65	0·81	0·05	...	0·38	8·32	9·95	3·30	3·12	2·11	5·72	0·97	35·38
	Bheer	0·46	...	0·27	...	0·12	4·59	4·46	1·00	4·65	2·11	2·56	0·43	20·65
	Mominabad	2·32	0·88	0·23	0·04	0·20	4·95	5·81	1·11	1·92	1·72	6·07	3·49	28·74
	Indur	0·03	...	0·46	0·03	0·39	5·64	8·11	8·42	1·09	0·46	2·41	0·39	27·43
	Yelgandal	1·35	...	0·14	0·58	2·72	3·40	10·74	4·94	2·40	...	4·37	1·12	31·76
	Medak	...	0·05	...	0·18	2·08	2·47	11·62	3·89	1·74	...	4·77	...	26·80
	Ibrahimpatan	...	...	...	0·04	2·53	1·01	6·60	1·93	2·92	...	2·99	...	18·02
	Naldurg	?	0·37	0·02	0·42	0·75	4·85	5·76	2·32	5·83	1·68	8·03	...	?
	Bidar	...	0·07	0·05	...	2·66	4·66	6·19	3·48	6·11	0·65	5·16	0·33	29·35
	Gulbarga	0·47	0·17	...	0·33	2·09	4·36	3·96	0·80	2·54	0·70	3·52	...	18·94
Hyderabad —*contd.*	Bolarum	...	...	0·18	0·70	4·34	3·43	6·84	3·98	1·20	0·13	5·32	...	26·12
	Secunderabad	0·04	...	0·02	0·71	2·45	5·83	4·86	3·32	2·26	0·03	3·23	...	22·75
	Hyderabad (Residency).	0·11	...	...	0·88	1·94	2·51	5·66	3·09	2·27	0·22	1·60	...	18·28
	Hyderabad (Engineer's Office).	...	...	...	0·85	1·79	2·66	5·54	3·84	2·28	0·21	1·88	...	19·05
	Nalgonda	...	...	...	1·91	1·66	2·42	4·87	3·28	2·69	0·21	4·97	...	22·01
	Khamam	0·82	...	...	0·26	2·45	4·89	8·97	5·12	3·83	...	1·80	...	28·14
	Sirpur	0·55	1·25	0·44	0·10	0·37	8·22	15·40	7·71	1·61	...	3·37	?	?
	Nagar Karnul	...	1·08	...	0·24	4·01	4·04	6·73	3·75	2·47	0·50	2·28	...	25·10
	Raichur	...	...	...	0·51	1·40	1·37	5·53	1·19	4·37	2·27	4·88	...	21·52
	Raichur (Cant.)	...	...	...	0·29	2·18	4·51	5·56	2·38	2·89	0·30	1·98	...	20·09
	Lingsugur (W. Raichore).	...	...	...	0·46	2·03	5·01	1·71	1·87	6·66	1·10	2·19	?	?
	Zanawada	...	...	0·02	0·72	3·58	4·25	5·61	3·47	1·77	1·35	1·92	...	22·69
	Sundanully	...	...	...	0·38	2·66	3·07	6·59	3·41	4·61	0·63	3·96	...	25·31
	Dhulia	1·57	0·61	...	...	...	3·70	3·46	2·13	0·82	0·93	0·32	...	18·54
	Nasik	0·78	...	0·62	0·05	0·72	2·81	7·44	4·52	1·17	1·71	0·17	...	19·99
	Igatpuri	1·38	...	0·02	...	1·35	14·97	67·07	63·08	6·46	2·57	0·56	...	157·46
	Malegaon	1·86	0·26	...	0·36	...	5·30	1·82	0·29	5·02	2·09	0·50	...	17·50
	Ahmednagar	...	...	...	...	0·13	3·24	1·36	0·54	4·41	5·98	2·44	0·10	18·20
	Poona	0·73	...	0·07	0·15	1·68	2·40	7·76	2·26	6·12	2·50	2·00	...	25·67
	Lanauli	0·90	...	...	...	...	24·05	66·09	47·89	6·07	1·19	3·84	...	150·03
Bombay	Satara	2·30	0·20	0·73	0·29	3·07	3·67	17·06	11·07	8·20	2·79	2·43	...	51·81
	Mohableshwar	2·34	...	1·75	1·28	0·60	38·94	124·75	87·07	13·95	2·87	5·35	...	278·90
	Sholapur	1·51	0·04	...	0·54	0·93	7·20	4·19	0·81	5·63	2·06	2·90	...	25·81
	Kolhapur	1·03	0·02	0·40	0·21	1·42	4·41	16·84	8·72	3·39	0·43	4·16	...	41·03
	Baura	3·42	...	...	0·55	0·45	56·28	100·15	64·14	13·34	1·75	2·93	...	243·01
	Belgaum	0·61	0·16	0·67	1·01	3·35	7·37	14·47	11·97	4·70	2·63	1·19	...	48·13
	Gokak	0·59	...	0·03	1·30	1·83	1·54	1·84	2·64	10·95	2·94	2·47	...	26·13

...IV.—INCHES OF RAINFALL IN EACH MONTH OF 1888.

	Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Bombay —*contd.*	Dharwar	1·17	...	...	1·56	4·16	3·99	6·10	5·37	7·06	2·00	1·93	...	33·34
	Hubli	1·53	...	...	1·37	4·81	4·54	3·63	4·00	7·56	1·38	3·47	...	32·29
	Nargund	1·80	...	...	0·90	4·90	1·70	1·34	2·75	13·15	2·30	3·97	...	32·81
	Mandargi	1·00	...	...	0·52	5·91	1·92	1·00	2·80	6·91	1·72	2·37	...	24·15
	Kalghatgi	1·50	...	...	0·22	3·36	8·21	11·30	10·28	4·48	5·08	2·41	...	46·84
	Bijapur	0·81	...	0·02	0·34	1·86	2·40	1·97	1·41	7·12	1·95	4·04	...	21·92
	Honawar	0·65	...	...	1·00	3·41	72·69	43·99	38·64	2·90	3·81	2·40	...	169·39
	Karwar	0·85	...	...	0·06	3·14	52·43	39·90	25·77	1·19	1·14	2·44	...	126·92
	Goa	3·03	...	...	0·42	1·68	42·02	32·07	25·48	1·76	1·52	2·42	...	110·40
	Vingurla	2·65	...	...	1·06	3·10	54·45	35·12	25·59	2·80	1·93	0·60	...	127·30
	Ratnagiri	2·10	...	...	0·31	0·71	33·85	28·19	21·75	7·49	...	0·78	...	95·18
	Colaba (Obsy.)	1·85	0·02	0·10	...	...	15·76	22·47	11·43	4·92	0·11	1·16	...	57·82
	Byculla (J. J. Hospital).	2·12	0·22	...	...	...	18·51	24·99	11·49	3·56	0·69	1·74	...	63·32
	Tanna	4·05	...	...	...	...	24·45	33·77	19·73	1·12	1·59	2·85	...	87·16
	Matheran	1·45	...	...	...	...	31·81	82·11	83·38	11·91	0·37	7·09	...	218·12
	Surat	...	...	...	...	...	6·97	15·87	6·05	0·24	0·16	0·20	...	29·49
	Broach	...	0·10	...	...	...	4·20	6·98	6·68	0·41	0·10	0·49	...	18·96
	Kaira	0·26	0·45	...	...	...	2·23	6·08	8·59	...	...	2·45	...	20·06
	Bariya	0·14	0·13	...	...	...	3·76	10·03	16·59	1·40	0·04	0·61	...	32·70
	Godhra	0·10	0·31	...	...	...	1·41	3·32	17·04	1·97	0·17	0·76	...	25·08
	Dohad	0·11	0·07	...	...	...	0·22	4·36	8·03	0·90	0·06	0·61	...	14·36
	Ahmedabad	0·40	0·78	...	...	...	4·10	2·32	4·73	...	...	2·43	...	14·76
	Edar	0·33	0·52	...	...	...	5·34	4·69	18·35	...	...	1·80	...	31·03
	Deesa	1·16	0·43	...	...	...	0·87	3·88	10·30	...	...	1·04	...	17·68
	Wadhwan	0·57	0·66	...	...	...	4·48	3·82	1·60	0·13	0·07	6·01	...	17·34
	Palanpur	1·02	1·13	...	...	...	1·10	3·01	14·55	...	...	1·21	...	22·02
	Rajkot	0·32	0·84	...	...	...	5·32	8·90	5·95	0·07	...	3·95	...	25·35
	Songad	0·18	0·24	...	...	...	2·35	2·88	5·08	0·73	...	0·41	...	11·87
	Jetalsar	0·46	0·60	...	...	...	1·34	3·98	4·49	0·14	...	4·21	...	15·22
	Bhuj	0·55	1·38	...	...	...	0·18	4·54	4·97	...	...	0·01	...	11·63
	Rhahpur	0·30	0·80	...	...	...	...	1·36	5·46	...	...	..	...	7·92
	Nagar	1·91	1·40	...	...	...	0·11	6·90	9·07	...	...	0·11	...	19·50
	Kurrachee	2·81	0·86	...	...	...	...	0·18	0·98	...	...	0·11	...	4·94
	Schwan	1·35	1·00	0·50	...	...	...	0·05	0·92	...	...	0·05	...	3·87
	Tatta	2·60	1·71	...	...	...	...	1·20	7·80	...	...	...	...	13·31
	Hyderabad (Obsy).	1·93	1·68	0·17	...	...	...	2·88	2·65	...	...	...	...	9·31
	Umarkot	1·85	0·70	...	...	...	...	0·70	3·27	...	...	...	...	6·52
	Shikarpur	0·25	1·47	0·71	...	...	...	...	3·97	...	...	...	...	6·40
	Robri	0·47	1·05	0·60	...	...	...	0·15	...	...	...	...	...	2·27

TABLE XIV.—INCHES OF RAINFALL IN EACH MONTH

Provinces.	Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Bombay—*concld.*	Jacobabad	0·18	1·18	0·30	...	...	...	0·57	0·15	...	...	...	...	...
	Ganjam	...	1·60	...	...	...	4·00	2·91	8·25	5·46	1·25	6·54	...	30·01
	Gopalpur	0·25	1·10	...	...	0·05	5·58	5·15	11·47	3·23	1·63	8·13	...	36·59
	Aska	0·13	2·13	0·08	0·05	...	2·20	...	11·96	6·52	0·33	4·55	...	27·95
	Aska (Minchin Bro.'s Bungaiow).	0·28	0·78	0·16	0·52	0·15	2·89	3·03	12·13	6·14	0·80	4·80	...	31·68
	Aska (Minchin Bro.'s Office).	0·25	0·62	0·14	0·50	0·12	2·59	2·92	11·93	5·65	0·79	4·63	...	30·14
	Vizianagram	...	...	...	...	0·60	6·10	2·90	4·30	3·45	2·75	7·95	0·10	28·15
	Bimlipatam	...	...	...	....	1·10	1·60	1·80	2·70	2·60	4·80	9·20	..	23·80
	Rayaghadda	...	0·20	0·30	2·15	2·75	5·60	5·95	6·45	4·50	0·30	3·55	...	31·75
	Nourangapur	...	0·40	...	0·50	2·80	6·00	14·30	18·60	7·30	...	4·10	...	54·00
	Gunipur	...	...	0·45	0·90	0·15	5·50	7·55	8·05	0·85	1·20	7·15	...	31·80
	Jeypur	...	...	0·30	0·60	5·20	7·95	12·35	20·20	7·40	1·20	5·40	...	60·60
	Koraput	0·25	0·10	0·10	0·70	1·70	5·55	9·40	16·55	7·65	1·00	1·95	...	44·95
	Malkanagiri	...	...	...	1·65	2·30	6·71	18·60	14·45	5·10	0·60	2·18	...	51·59
	Narsapatnam	...	...	0·40	2·50	7·15	1·55	3·80	2·50	6·55	3·15	8·25	...	35·85
	Vizagapatam	...	...	0·40	...	3·20	1·60	3·50	1·70	1·20	6·00	14·30	...	31·90
	Cocanada	...	...	...	0·25	2·34	1·39	3·82	8·81	5·11	4·60	10·42	...	36·74
	Rajahmundry	...	...	...	0·25	4·77	3·17	6·78	3·23	3·72	1·00	6·89	...	29·81
	Ellore	...	...	...	0·30	1·92	4·94	9·06	5·20	6·75	2·00	3·18	...	33·35
Madras	Masulipatam	...	...	...	0·04	2·83	3·45	4·40	2·59	3·03	0·56	11·42	...	28·32
	Guntur	...	...	...	0·50	2·95	2·05	8·42	0·25	1·60	1·33	4·95	...	22·05
	Vinukonda	...	...	...	...	3·01	2·59	6·51	1·78	3·21	0·76	7·12	...	24·98
	Ongole	0·50	...	...	1·00	4·20	0·55	3·95	2·20	2·15	3·05	9·00	0·25	26·85
	Nellore	0·80	...	...	...	3·85	0·30	1·50	1·30	0·95	6·70	7·80	2·30	25·50
	Udayagiri	0·70	...	...	1·40	2·95	1·05	2·20	3·25	1·25	2·70	13·25	2·15	30·90
	Tada	0·25	...	...	...	...	0·72	2·42	2·40	1·00	14·60	7·60	2·20	31·19
	Kurnool	...	...	...	2·32	1·90	1·18	2·65	1·46	11·22	0·89	3·53	0·02	25·17
	Cumbum	...	...	...	1·54	2·55	0·80	4·75	0·85	0·40	1·36	7·20	0·08	19·53
	Nandyal	...	...	...	0·52	2·58	6·08	3·82	3·73	4·50	1·28	1·71	...	24·22
	Bellary	...	...	...	0·46	4·80	0·32	1·03	1·11	5·21	1·50	5·93	...	20·36
	Gooty	...	...	...	0·65	0·88	2·32	1·75	1·55	5·79	2·13	4·21	..	19·28
	Adoni	...	...	...	1·15	0·45	3·53	3·13	1·75	4·05	0·20	3·80	...	18·06
	Dharmavaram	...	...	...	3·60	1·00	1·00	0·29	1·23	2·37	0·45	6·17	...	16·11
	Cuddapah	...	...	...	0·40	1·25	0·40	3·82	3·80	7·68	3·22	6·50	1·05	28·12
	Madnapalle	...	...	...	1·40	1·70	2·40	0·80	3·10	3·30	2·10	7·60	0·25	22·65
	Chittoor	...	...	...	...	4·30	3·70	...	4·35	7·95	14·00	4·02	0·48	38·80
	Vellore	...	...	...	...	6·65	2·85	2·65	5·95	7·30	11·67	4·33	2·65	44·05
	Chandragiri	...	...	...	0·03	3·25	1·30	1·40	5·45	3·25	3·55	8·65	0·62	27·50
	Arcot	...	...	...	...	5·55	0·72	3·63	6·62	4·71	2·54	8·36	2·66	34·79

XIV.—INCHES OF RAINFALL IN EACH MONTH OF 1888.

	Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
	Madras	0·72	...	...	0·13	3·17	1·93	4·63	8·09	2·32	24·27	9·53	7·69	62·48
	Balmaner	...	...	...	0·27	4·45	1·85	1·27	3·45	13·09	5·95	8·48	0·80	39·61
	Saidapet	...	...	...	0·70	2·85	1·00	5·30	9·45	2·05	17·65	15·41	9·25	63·66
	Chingleput	...	...	...	...	4·32	5·89	3·30	7·17	5·92	13·22	25·56	6·79	72·17
	Conjeeveram	0·34	...	...	...	4·50	2·85	3·23	13·13	7·47	7·44	15·70	5·69	60·35
	Tindivanam	0·50	...	...	0·45	7·65	1·32	1·98	6·44	3·45	9·08	9·50	5·65	46·02
	Cuddalore	0·38	...	...	0·33	9·02	1·43	5·34	2·75	3·14	17·71	13·02	17·82	70·94
	Vriddhachalam	...	...	...	0·35	3·95	1·42	2·40	2·95	4·05	8·35	7·10	7·80	38·37
	Udayarpalaiyam (Jyankonda Cholapuram.)	0·45	...	...	...	7·10	0·30	2·90	3·43	7·40	9·05	5·68	7·98	44·29
	Salem	...	...	0·03	0·43	3·11	3·98	3·82	5·48	5·73	3·63	7·08	0·65	33·94
	Atur	0·25	...	...	...	1·35	2·45	1·50	3·05	12·00	4·75	6·50	1·00	32·85
	Shevaroy Hills	0·30	0·50	0·40	2·50	5·85	10·55	5·10	8·25	12·45	8·05	12·35	3·25	69·55
	Kumbakonam	0·20	...	...	...	11·67	...	3·25	1·50	8·90	6·60	6·75	9·05	47·92
	Tirupatur	...	0·65	...	1·10	4·45	1·90	1·00	2·50	11·85	8·00	5·10	...	36·55
	Hosur	...	...	...	1·55	2·98	1·33	2·48	2·03	6·83	3·60	7·63	0·15	28·58
	Tranquebar	...	...	...	0·60	7·25	...	2·45	0·75	1·70	9·86	14·50	10·40	47·51
	Negapatam	0·84	...	...	1·18	6·56	0·89	2·46	0·71	2·76	15·81	14·63	8·19	54·03
	Tanjore	...	...	...	1·15	5·90	1·02	1·40	4·02	1·75	5·60	4·70	6·50	32·04
	Patukota	...	...	...	2·00	6·65	1·90	2·40	2·54	1·37	7·25	7·82	9·27	41·20
MADRAS—*contd.*	Trichinopoly	...	...	...	2·71	5·47	0·82	0·46	0·42	3·85	3·20	3·59	2·86	23·38
	Karur	...	...	...	2·00	3·01	0·45	1·19	0·80	5·82	2·96	6·96	1·78	24·97
	Coimbatore	0·21	...	0·02	0·97	2·10	2·19	0·79	0·16	1·28	3·45	3·44	0·47	15·08
	Kollegal	...	...	...	1·80	3·54	2·10	0·65	1·10	5·90	0·75	2·97	...	18·81
	Dindigul	0·14	...	0·01	1·51	2·01	2·14	0·69	1·00	1·95	4·46	5·40	4·15	23·46
	Madura (Obsy.)	0·16	...	0·02	0·19	4·04	0·44	0·71	5·49	2·73	3·95	8·39	5·29	31·41
	Madura (Cutchery)	...	...	0·05	0·25	4·55	0·05	1·85	4·25	1·80	4·40	8·10	4·45	29·75
	Pasumali	...	...	...	0·50	4·40	1·20	0·60	3·09	6·80	3·53	6·62	4·53	31·27
	Vattanum	...	...	...	0·40	2·24	0·20	...	1·60	0·97	10·94	9·66	5·97	31·98
	Periyakulam	...	...	...	1·90	4·15	0·09	0·37	0·26	4·24	5·39	5·71	1·74	23·85
	Tinnevelly	...	...	0·37	1·55	3·10	0·50	...	...	0·55	20·42	6·57	6·02	39·08
	Tuticorin	...	...	0·16	0·75	3·24	0·05	...	...	1·10	13·00	10·77	10·93	40·00
	Satur	...	...	2·70	2·08	3·05	...	1·40	1·55	4·10	10·45	3·78	4·75	33·86
	Cochin	...	0·83	0·74	2·04	18·36	37·74	16·86	10·98	6·81	8·91	9·65	0·59	113·51
	Palghat	...	0·35	...	1·60	6·30	22·35	20·90	12·07	5·95	2·61	2·95	...	75·08
	Wellington	0·65	0·11	0·59	3·08	5·45	1·32	1·84	1·91	5·85	9·41	8·03	3·38	41·62
	Manantoddy	...	...	...	2·75	6·35	33·90	43·10	17·00	2·50	1·65	1·40	...	108·65
	Calicut	...	...	...	5·40	12·65	57·70	20·60	21·33	5·50	6·80	8·10	...	138·08
	Tellicherry	...	...	...	7·65	21·41	79·27	42·22	33·88	4·50	3·92	7·90	...	200·75
	Cannanore	...	...	...	3·30	12·70	56·10	25·98	28·67	2·71	4·08	8·96	...	142·50

TABLE XIV.—INCHES OF RAINFALL IN EACH MONTH OF [illegible]

Provinces.	Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	[illegible]	[illegible]
Madras—*concld.*	Mangalore	...	...	...	1·55	5·17	56·35	21·47	22·51	5·00	4·89	5·01	0·06	122·0[illegible]
	Bangalore	...	...	0·12	0·32	4·68	1·80	4·43	1·97	5·40	3·43	7·30	0·03	29·48
	Mysore	...	...	...	2·40	4·48	1·07	1 10	0·30	6·05	3·28	3·28	...	21·96
	Shimoga	0·44	...	...	2·91	4·45	4·61	11·65	4·61	4·07	1·56	2·75	0·69	37·74
	Mercara	...	0·51	....	1·32	4·80	28 50	53·47	34.00	4·96	3·75	2·58	0·46	134·35
Mysore and Coorg.	Kolar	...	...	0·35	1·65	4·14	4·43	1·65	2 02	5·51	3·98	8·70	...	32·43
	Tumkur	...	...	...	1·00	2·65	4·96	5·60	3·50	9·63	1·95	8·67	0·03	37·99
	Chitaldroog	...	...	...	2·30	4·53	1·38	4·34	2·45	8·54	1·76	7·17	...	26·47
	Chikmagalur	...	0·38	...	1·79	1·47	2·52	5·76	3·50	5·64	2·11	5·76	0·22	29·15
	Hassan	...	...	...	0·57	4·65	2·60	4·60	2·02	7·56	1·04	4·95	...	27·99
	Jaffna	0·29	...	0·03	1·54	4·91	0·28	0·63	0·09	0·60	8·08	13·51	13·67	43·63
	Mannar	0·08	...	...	8·48	8·48	...	0·90	...	0·06	4·05	11·69	9·93	43·67
	Trincomallee	0·28	0·09	0·06	2·31	9·66	0·23	1·64	2·60	4·17	8·63	15·42	16·56	61·65
	Batticaloa	0·45	2·22	0·65	0·81	2·41	0·98	1·73	1·17	0·73	10·70	13·97	17·77	53·59
	Hambantota	?	...	0·84	1·87	9·02	6·51	...	0·01	0·79	5·92	2·47	3·24	?
Ceylon	Galle	3·20	1·15	1·87	14·57	15·19	10·69	1·61	2·79	5·85	16·91	11·46	1·70	86·99
	Ratnapura	3·22	3·09	11·01	6·56	24·22	29·87	4·45	9·27	12·37	18·59	27·54	8·40	148·59
	Colombo	0·02	3·27	1·65	28·78	16·05	9·06	0·98	1·10	3·26	15·77	14·19	6·93	101·06
	Kandy	?	0·02	3·72	5·36	5·03	13·35	1·87	2·84	3·19	20·21	6·67	14·95	?
	Nowera Eliya	0·08	0·02	3·23	5·26	12·34	27·59	3·28	5·02	7·52	9·19	9·45	15·09	98·07
	Puttalam	0·01	...	1·00	3·48	5·33	4·16	0·03	...	0·22	12·60	11·30	11·90	50·03
	Anuradhapura	0·10	...	...	4·10	8·55	1·04	...	...	5·59	8·63	5·16	7·88	41.05
	Akyab	1·04	0·54	0·16	3·07	10·47	45·17	60·83	49·39	8·81	5·80	0·05	...	185·33
	Kyaukpyu	0·45	0·17	...	2·03	6·66	57·71	91·43	70·72	10·15	6·50	0·38	...	246·20
	Sandoway	0·38	...	...	1·39	13·27	61·60	72·62	69·58	11·13	3·30	0·45	...	233·72
	Rangoon	...	...	...	0·38	9·09	27·75	23·66	22·31	15·17	5·85	1·79	...	106·00
	Bassein	...	...	...	0·25	5·54	42·48	29·77	24·42	15·31	7·15	3·81	...	128·73
	Diamond Island	...	...	...	0·26	7·50	35·67	26·09	29·70	14·73	4·67	4·06	...	122·68
	Henzada	0·04	...	...	...	3·49	18·22	19·75	29·62	15·85	4·28	1·97	...	93·22
	Myanaung	0·69	...	...	0·02	3·22	13·16	9·13	11·69	4·13	3·33	0·47	...	45·84
Burmah	Prome	0·03	...	...	0·05	4·16	9·83	11·06	6·55	5·29	2·60	1·18	0·04	40 79
	Thayetmyo	0·07	...	...	0·13	2·12	11·42	3·59	6·14	3·33	3·60	0·24	0·95	31·39
	Mandalay	0·14	0·07	0·08	0·99	0·99	6·05	4·05	5·23	13·80	0·80	1·05	...	33·25
	Shweybo	0·38	0·03	0·35	1·52	2·40	4·49	5·37	5·75	12·40	3·25	0·35	...	36·29
	Yeu	0·58	0·57	0·79	0·64	3·86	5·99	4·91	5·34	12·46	2·32	0·12	...	37·58
	Minbu	0·17	...	...	0·63	3·12	3·34	1·73	4·88	7·46	2·16	2·24	0·01	25·74
	Pyinmana	0·05	...	...	0·46	1·53	9·57	13·76	16·19	7·89	4·36	2·07	0·13	56·01
	Pagan	0·39	0·09	0·46	1·49	0·26	7·47	2·93	2·84	11·06	4·85	...	0·09	31·93
	Kyanksai	0·24	0·15	0·25	0·64?	...	?	1·65	6·23	7·86	2·10	2·64	...	?

TABLE XIV.—INCHES OF RAINFALL IN EACH MONTH OF 1888.

	Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Burma—*contd.*	Bhamo	3·71	0·69	1·61	0·86	8·74	16·86	15·74	19·02	8·53	1·71	1·62	...	71·09
	Kendat	0·55	0·37	0·50	1·77	2·57	9·22	17·30	22·79	18·08	5·26	3·57	...	81·98
	Toungdwingyee	0·03	...	...	0·30	2·78	13·23	6·19	11·38	6·06	2·57	Discontinued.		?
	Yo Methin	0·20	0·08	0·36	0·28	1·32	5·91	6·69	7·13	7·81	1·83	0·97	0·86	33·44
	Fort Sagaing	0·12	0·13	0·85	0·61	2·12	7·85	2·49	4·08	9·92	1·01	1·60	...	30·78
	Mingin	0·75	0·08	0·53	1·45	2·78	6·09	8·10	13·22	14·16	4·97	...	...	52·13
	Toungoo	...	...	...	0·40	4·58	23·31	20·73	29·04	8·74	5·28	1·64	0·08	93·80
	Shwegyin	...	0·11	...	0·05	6·81	39·06	43·14	40·98	7·97	2·47	0·66	...	141·25
	Moulmein	...	0·11	...	1·90	32·33	34·56	56·45	61·61	11·00	3·50	2·27	...	203·73
	Tavoy	...	...	0·14	0·20	23·84	56·52	59·83	57·43	17·33	5·96	2·73	0·01	223·99
	Mergui	1·30	...	4·43	0·37	19·70	62·74	30·73	35·11	23·02	12·37	3·70	1·14	194·61
	Myingyan	0·51	0·03	0·05	0·61	2·61	3·93	3·18	5·76	4·21	3·45	1·36	0·02	25·72
	Yewoon	0·17	0·15	Discontinued.										?
	Alon	0·40	...	?	?	1·37	2·96	7·68	2·88	5·46	4·37	0·46	...	?
	Monywa													
	Magwe	?	?	?	?	?	?	?	?	?	?	0·56	0·05	?
Bay Islands	Cocos Island	...	0·05	...	Not received.									?
	Port Blair	...	...	...	0·73	14·72	41·50	7·42	14·79	24·93	10·14	6·60	5·45	126·28
	Nancowry	1·77	0·07	1·03	4·17	22·32	17·28	5·34	8·99	16·54	27·63	17·47	8·38	130·99?

* Rainfall recorded at Alon up to February 1888,
Do. do. at Monywa since May 1888.

TABLE XV.—NUMBER OF DAYS ON WHICH RAINFALL WAS MEASURED
(508 STATIONS).

PROVINCES.	STATIONS.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
ARABIA .	Baghdad . .	1	5	5	6	3	2	...	...	...	...	3	4	29
	Aden . . .	...	2	...	1	...	...	...	...	...	...	1	1	5
PERSIA . .	Bushire . .	8	6	3	3	...	...	...	...	...	...	3	4	27
LAKHADIVES .	Amini Divi . .	3	...	...	1	6	29	23	12	8	13	11	1	107
	Minicoy Lt. House .	...	...	...	2	10	21	8	16	17	15	16	8	113
BELUCHISTAN .	Peshin . .	8	7	4	2	...	...	...	...	...	...	4	3	28
	Kelat . . .	9	5	2	...	1	...	...	2	....	...	1	3	23
	Quetta . .	8	8	8	...	1	...	...	...	...	...	1	3	29
KASHMIR . .	Leh . . .	4	6	3	5	1	...	4	2	...	...	1	...	26
PUNJAB .	Abbottabad . .	7	8	6	6	4	3	12	13	2	6	3	4	74
	Murree (Obsy.) .	8	11	6	9	6	10	18	20	2	5	5	4	104
	Murree (Cutchery)	7	5	4	6	4	9	17	17	3	4	2	2	80
	Murree (Brewery) .	8	11	7	7	6	10	14	18	2	6	2	3	94
	Chamba . .	6	12	7	7	7	9	23	18	5	6	7	2	109
	Dharmsala . .	5	8	2	5	1	8	26	27	10	5	4	2	103
	Kailang . .	3	9	6	9	7	5	7	7	5	3	5	3	69
	Kilba . . .	5	7	6	6	8	8	12	10	5	4	5	2	78
	Simla (Obsy.) .	7	11	4	2	9	13	29	22	16	3	5	...	115
	Simla (Cutchery) .	4	11	?	3	2	11	21	18	8	3	4	...	?
	Peshawar (Obsy.) .	3	3	5	2	1	1	3	3	...	...	4	2	27
	Peshawar (Cutchery).	2	4	5	1	1	1	2	3	1	...	4	2	26
	Kohat . .	3	4	5	2	...	2	5	5	...	1	2	...	29
	Bannu . .	2	1	2	...	1	1	3	2	...	4	2	...	18
	Dera Ismail Khan .	3	3	1	...	1	3	2	2	...	...	1	...	16
	Dera Ghazi Khan .	...	3	1	...	1	2	1	3	...	4	1	...	15
	Muzaffargarh .	...	3	...	...	...	...	...	1	...	1	1	...	6
	Mooltan (Obsy.) .	3	3	1	...	...	...	1	4	...	...	1	...	13
	Mooltan (Cutchery)	1	2	1	...	...	...	1	4	...	...	1	...	10
	Jhang . . .	2	2	...	...	1	2	3	2	...	5	1	...	18
	Montgomery .	2	3	...	...	...	3	3	4	...	...	...	...	15
	Shahpur . .	2	3	1	...	1	1	5	6	...	1	1	...	21
	Rawalpindi . .	7	5	3	3	2	5	10	10	1	4	2	2	54
	Jhelum . .	3	3	2	...	1	2	11	11	...	1	1	1	36
	Gujrat . .	3	3	2	...	2	...	8	7	1	1	...	...	27
	Sialkot (Obsy.) .	3	5	4	2	1	4	13	14	1	3	1	1	52
	Sialkot (Cutchery)	4	3	4	1	2	4	11	13	1	3	...	1	47
	Gujranwala . .	4	4	3	...	2	4	6	6	1	4	...	...	34

NUMBER OF DAYS ON WHICH RAINFALL WAS MEASURED IN 1888.

	Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Punjab—*contd.*	Gurdaspur	4	4	1	2	1	5	12	8	2	2	1	1	43
	Dhariwal	4	5	...	1	1	3	10	7	1	...	...	...	32
	Lahore	4	5	3	3	1	7	11	10	...	3	...	1	48
	Amritsar	2	2	...	...	...	3	8	10	...	1	1	1	28
	Ferozepore	3	3	1	3	...	4	6	6	1	1	1	...	29
	Jullundur	2	...	...	...	...	5	9	9	2	...	1	...	28
	Hoshiarpur	4	2	3	1	2	10	15	13	3	1	4	...	56
	Ludhiana	3	2	2	...	1	8	12	14	4	1	2	...	49
	Umballa	4	6	2	1	1	3	10	7	5	...	3	...	42
	Sirsa	2	2	1	1	1	4	9	5	1	4	...	..	30
	Hissar	2	2	1	...	...	3	7	5	2	...	1	...	23
	Rohtak	1	2	1	...	4	4	9	4	2	1	...	...	28
	Delhi (Obsy.)	3	6	2	2	3	8	14	13	6	2	2	...	61
	Delhi (Cutchery)	3	4	2	1	3	9	11	12	5	1	1	...	52
	Gurgaon	3	4	1	1	3	4	11	6	4	1	...	...	38
	Karnal	4	4	2	1	3	5	11	13	6	1	3	...	53
Rajputana	Jeysulmere	3	3	...	...	...	1	4	6	...	1	...	...	18
	Phalodi	2	1	1	...	...	2	4	7	...	...	...	...	17
	Bickaneer	2	1	2	1	...	5	5	11	...	...	...	...	27
	Nagar	3	2	1	...	...	5	5	11	...	1	...	...	28
	Didwana	3	3	4	1	...	6	6	16	...	3	...	...	42
	Jhunjhnu	2	3	2	1	...	6	11	12	4	2	...	...	43
	Khetr	2	3	3	1	...	3	10	18	5	2	...	...	47
	Sikar	1	4	3	1	...	1	9	10	1	4	...	...	34
	Sri Madhopur	1	6	1	1	...	1	12	18	5	...	...	...	45
	Ulwar	3	8	3	2	1	2	17	11	3	2	...	...	52
	Bhurtpore	3	3	2	1	...	3	11	12	7	2	2	...	46
	Bandikui	2	4	2	1	...	1	10	17	2	2	1	...	42
	Jeypore	4	7	2	1	...	3	15	24	3	5	1	...	65
	Sambhar	4	5	2	1	...	4	12	19	3	2	1	...	53
	Kerowlee	4	4	...	...	...	4	15	18	8	3	2	...	58
	Lalsot	2	1	...	...	...	2	14	16	1	3	1	...	40
	Tonk	3	3	1	...	...	2	12	20	...	2	1	...	44
	Sewai Madhopur	1	2	1	...	...	1	16	23	2	2	1	...	49
	Deoli	2	3	1	...	...	8	15	20	1	4	1	...	55
	Kotah	3	3	...	...	...	3	9	19	1	2	...	...	40
	Jhalrapatam	3	4	1	...	...	10	20	22	3	3	1	...	67
	Ajmere	4	5	1	...	...	4	10	16	1	1	1	...	43
	Nusseerabad	4	3	...	...	...	3	10	12	...	2	1	...	35

TABLE XV.—NUMBER OF DAYS ON WHICH RAINFALL WAS MEAS[illegible]

Provinces.	Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	Novembe[illegible]		
Rajputana—*contd.*	Malpura	1	3	2	...	...	5	12	18	2	1	1	...	45
	Beawar	2	...	1	...	...	2	5	11	...	...	...	...	21
	Jodhpore	2	1	...	...	...	...	4	10	...	...	...	...	17
	Jodhpore (Residency).	1	1	...	...	...	...	6	12	...	...	...	...	20
	Pachpadra	3	2	...	...	...	1	5	10	...	...	...	...	21
	Jasol	2	2	...	...	1	2	5	10	...	...	...	...	22
	Barmer	4	2	1	...	...	1	2	4	...	...	...	...	14
	Pali	2	2	...	...	...	1	3	12	...	...	...	...	20
	Shahpoora	3	3	1	...	...	5	10	18	...	2	1	...	43
	Erinpura	3	2	...	...	...	3	7	16	...	...	...	...	31
	Sirohee	1	1	...	...	...	3	7	10	...	...	...	...	22
	Mount Abu	4	2	...	...	...	6	22	26	...	2	2	...	64
	Kotra	3	3	...	...	1	5	20	21	...	3	2	...	58
	Oodeypore	2	2	...	...	...	5	16	13	...	2	1	...	41
	Partabgarh	2	4	...	...	...	4	21	21	3	...	2	...	57
	Kherwara	3	2	...	...	...	4	13	16	2	...	1	...	41
	Banswara	1	2	...	...	...	2	19	16	3	...	1	...	44
	Neemuch (Obsy.)	2	2	...	1	...	3	15	12	3	3	2	...	43
	Neemuch (Cutchery)	2	3	...	1	...	3	15	10	2	3	2	...	41
	Sirdarpore	3	3	...	...	...	10	19	20	8	2	...	...	65
	Agar	1	2	...	...	...	4	16	13	6	1	...	...	43
	Rutlam	2	2	1	...	...	5	12	13	5	1	...	...	41
	Indore	3	5	...	...	...	12	22	20	9	2	1	...	74
	Bhopal (Sehore)	2	4	1	...	...	8	21	20	7	1	2	...	66
	Goona	4	6	2	...	...	6	21	26	5	3	1	...	74
	Morar	3	4	1	1	...	1	23	15	7	3	...	...	58
Central India	Nowgong	5	4	1	...	1	7	23	24	9	...	2	...	76
	Sutna	4	2	2	...	...	6	24	22	14	...	1	...	75
	Nagode	1	1	...	...	...	4	25	18	9	...	1	...	59
	Maihar	5	1	...	...	...	8	18	22	7	...	2	...	63
	Rewah	6	4	1	1	...	6	25	30	16	...	2	...	91
	Chandia	6	...	...	...	1	8	25	26	11	...	2	...	79
	Ramnagar	5	1	...	...	...	4	10	13	6	...	...	...	39
	Sihawal (Bardi)	6	1	1	1	3	3	18	27	15	...	3	...	78
	Teonthar*	2	3	1	...	2	4	23	19	10	...	2	...	66
	Sohagpur	5	...	...	...	...	9	15	25	10	...	2	...	66
N.-W. Provinces.	Chakrata	8	10	3	3	9	10	28	20	12	2	8	1	114
	Mussooree	1	6	3	1	4	5	27	24	10	1	6	...	88
	Srinagar	3	4	2	1	6	5	16	8	6	...	5	...	56

* Rainfall recorded at Sitlaha up to March 1858.

NUMBER OF DAYS ON WHICH RAINFALL WAS MEASURED IN 1888.

	Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
N.-W. Provinces—*contd.*	Pauri	8	5	4	1	10	6	20	15	11	2	3	1	86
	Ranikhet	7	7	3	2	10	8	25	26	13	2	6	1	110
	Almora	6	5	2	3	8	4	21	19	9	2	5	...	84
	Pithoragarh	6	8	7	3	12	13	26	21	20	...	3	...	119
	Naini Tal	2	6	2	2	2	10	31	21	12	1	4	...	93
	Dehra Dun	7	7	3	1	5	8	29	29	13	3	5	1	111
	Saharanpur	3	4	1	1	...	5	12	13	5	...	4	...	48
	Roorkee	5	6	2	1	2	7	16	14	8	2	4	...	67
	Muzaffarnagar	3	1	1	1	...	2	9	8	9	1	2	...	37
	Bijnor	4	2	2	1	2	2	15	14	7	1	1	...	51
	Meerut	4	5	2	...	4	6	13	15	9	3	2	...	63
	Moradabad	4	3	2	...	1	5	21	15	9	1	2	...	63
	Rudarpur	2	3	2	1	2	1	21	11	8	...	1	...	52
	Pillbhit	3	1	2	...	2	5	21	18	13	1	1	...	67
	Bulandshahr	2	5	1	...	2	5	11	12	5	2	...	...	45
	Bareilly	3	3	2	...	1	7	28	17	13	1	1	...	76
	Budaun	2	2	...	...	...	2	18	14	10	...	1	...	49
	Shahjahanpur	2	1	2	...	1	2	18	17	10	...	1	...	54
	Aligarh	2	2	...	...	...	3	9	8	7	1	...	...	32
	Muttra	1	3	2	1	3	1	13	12	8	2	1	...	47
	Agra	2	2	2	...	2	7	17	17	8	2	2	...	61
	Etah	1	...	...	...	...	3	17	12	6	...	1	...	40
	Mainpuri	2	2	...	...	...	5	23	17	11	1	1	...	62
	Farrukhabad	3	1	1	...	...	3	18	21	8	...	1	...	56
	Etawah	3	2	1	...	...	3	15	14	6	1	...	...	45
	Cawnpore	5	4	1	...	1	2	24	21	9	...	...	...	67
	Fatehpur	3	2	1	...	1	2	23	26	12	...	1	...	71
	Jalaun (Orai)	4	1	...	...	1	4	17	17	6	...	...	...	50
	Hamirpur	3	4	2	...	1	1	24	20	9	...	2	...	66
	Banda	4	1	1	1	...	4	24	28	15	...	2	...	80
	Allahabad	5	2	2	2	1	6	28	27	18	...	3	...	94
	Basti	4	1	1	...	2	4	19	17	14	...	...	...	62
	Gorakhpur	5	1	1	2	3	6	21	17	15	...	1	...	72
	Azamgarh	2	...	...	...	1	4	12	18	11	...	...	...	48
	Jaunpur	3	...	...	...	2	4	23	20	12	1	1	...	66
	Benares	3	1	...	...	2	7	25	25	13	...	1	...	77
	Mirzapur	3	1	1	...	...	4	22	24	12	...	2	...	69
	Ghazipur	3	1	...	...	1	5	22	17	14	1	1	...	65
	Ballia	3	1	...	...	1	4	17	17	13	...	1	...	56

TABLE XV.—NUMBER OF DAYS ON WHICH RAINFALL WAS MEASURED

Provinces.	Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	Dece...	
N.-W. Provinces—*concld.*	Dudhi	4	1	1	...	1	4	17	24	9	...	1	...	62
	Robertsganj	3	1	1	...	...	5	22	21	11	...	2	...	66
	Jhansi	5	7	3	2	...	8	21	25	9	...	1	...	81
	Lalitpur	2	4	2	...	...	3	21	22	8	...	1	...	63
Oudh	Kheri	3	1	...	1	4	5	17	19	15	...	1	...	66
	Sitapur	4	...	1	...	2	6	19	18	14	...	1	...	65
	Bahraich	3	...	1	1	2	3	13	16	12	...	1	...	52
	Gonda	4	...	1	1	2	3	17	16	13	...	...	...	57
	Hardoi	2	...	2	...	...	2	16	16	13	...	...	...	51
	Nawabganj (Bara Banki)	4	2	2	...	2	1	14	20	15	...	...	...	60
	Lucknow	5	4	2	...	...	3	19	23	14	...	2	...	72
	Unao	4	1	1	...	1	2	20	16	8	...	...	...	53
	Fyzabad	3	...	1	...	1	4	17	19	14	...	1	...	60
	Sultanpur	4	1	...	...	2	5	18	21	13	...	...	...	64
	Rai Bareli	4	4	1	...	1	3	18	25	14	...	1	...	71
	Partabgarh	2	1	...	...	1	4	22	21	14	...	1	...	66
Nepal	Katmandu	4	2	9	8	15	11	27	22	18	...	...	...	116
Bengal	Motiharee	3	...	...	2	6	8	17	14	12	...	1	...	
	Durbhunga	2	...	1	2	4	9	17	17	11	...	...	...	
	Sewan	3	...	...	1	1	6	18	15	16	...	1	...	
	Buxar	3	1	...	1	2	6	22	20	18	1	...	...	
	Chupra	3	...	1	1	2	5	23	18	19	...	2	...	
	Arrah	3	...	...	...	1	2	25	20	11	2	1	...	
	Patna (Bankipur)	4	...	...	1	3	6	24	21	12	...	2	...	
	Mozufferpore	2	...	1	2	2	8	20	19	10	...	2	...	
	Barh	3	...	...	...	3	4	21	21	13	...	1	...	
	Sasseram	2	...	2	1	1	4	18	17	12	...	4	...	
	Gya	5	...	1	1	1	3	21	21	12	1	3	...	
	Jamooee	3	1	...	2	4	6	22	22	14	3	1	1	
	Muddehpoora	1	1	1	3	6	4	19	15	14	...	2	...	
	Monghyr	3	1	...	2	5	5	26	24	12	1	1	...	
	Bhagalpur	4	...	...	2	6	3	23	22	9	1	1	...	
	Godda	3	1	...	3	5	7	28	26	13	3	1	1	
	Palamow	5	2	...	...	2	7	24	25	14	...	1	...	
	Hazaribagh	8	1	3	...	4	4	28	29	19	3	2	...	
	Ranchee	5	2	...	...	4	8	21	24	12	2	2	...	
	Lohardugga	6	2	3	1	5	7	28	30	17	1	2	...	
	Nya Doomka	4	2	4	4	10	11	26	29	13	4	3	1	
	Gobindpur	4	2	2	1	8	7	26	28	16	3	2	...	

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...V.—NUMBER OF DAYS ON WHICH RAINFALL WAS MEASURED IN 1883.

Stations.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Purulia . .	4	2	...	5	7	12	25	27	17	1	1	1	102
Sirguja . .	5	...	...	...	...	2	23	25	5	...	2	...	62
Jushpore . .	6	1	...	...	4	5	18	24	14	2	1	1	76
Gangpur . .	5	2	1	...	2	2	16	23	3	...	...	...	54
Chybassa . .	4	4	...	2	8	11	19	20	10	1	3	...	82
Barreepudda .	3	3	1	4	8	10	20	22	11	1	6	1	90
Keonjhar . .	2	3	...	...	5	11	12	23	8	...	2	...	66
Jellasore . .	2	5	2	5	9	7	16	17	14	...	4	...	81
Balasore . .	2	4	2	7	7	7	20	18	15	3	4	...	89
Bhuddruck . .	3	5	2	3	5	6	18	20	11	2	6	...	81
Talcher . .	4	1	...	1	3	5	21	20	10	...	2	...	67
Nursingpur . .	2	1	...	...	1	9	14	21	8	1	6	...	63
Angul . . .	3	2	...	1	5	7	16	18	12	...	3	...	67
Dhenkanal . .	3	1	...	1	3	10	21	26	12	2	4	...	83
Bispara . .	4	1	1	1	4	9	17	21	14	2	7	...	81
Kunjabangar .	4	...	...	2	6	10	9	20	7	3	6	...	67
Banki (Charchika)	4	2	1	4	3	15	23	23	11	5	7	...	98
Cuttack . .	3	2	1	...	4	7	18	27	16	4	8	...	90
False Point . .	2	5	1	1	3	9	19	22	8	4	7	...	81
Pooree . .	2	5	1	...	2	12	10	13	8	5	8	...	66
Darjeeling . .	4	6	4	9	17	21	30	30	24	4	1	...	150
Mongpoo . .	3	3	6	11	17	21	27	25	18	1	1	...	133
Pedong . .	8	4	11	13	20	25	29	30	24	2	3	1	170
Baxa . . .	6	1	10	8	16	27	28	27	21	7	3	...	154
Jalpaiguri . .	3	1	3	6	14	18	21	18	14	3	1	...	102
Cooch Behár .	4	1	6	9	13	22	21	16	15	2	2	...	111
Kissengunge .	2	...	1	6	8	8	23	18	14	1	2	...	83
Purneah . .	3	2	1	4	9	5	25	23	12	...	1	...	85
Rungpore . .	3	1	4	10	16	21	18	17	17	3	2	...	112
Dinagepore . .	2	...	1	5	12	9	24	19	14	...	1	...	87
Maldah . . .	1	1	1	1	10	6	28	23	13	2	1	1	88
Bogra . . .	1	1	1	5	10	11	20	22	15	1	1	...	88
Rampore Bauleah	...	...	4	3	12	10	27	26	16	2	2	...	102
Pubna . . .	3	4	5	8	14	13	27	21	12	2	3	...	112
Soory . . .	4	2	3	3	11	9	27	26	15	2	3	...	105
Bankoora . .	3	2	1	6	8	10	20	25	14	3	2	...	94
Burdwan . .	3	3	3	5	10	10	21	23	12	4	3	...	97
Hooghly . .	3	1	2	4	7	8	24	22	12	3	3	...	89
Howrah . .	3	2	3	5	11	6	26	21	14	5	2	...	98

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